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BY

WILLIAM CAREW HAZLITT.

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GCM DG@% FIM IHHA3NB&MG@L F&DGACD KBAALMG@L IB3AMD F&DGACD ANNAM&D&A% DG@ .&-MD I%L 3AMD C%NA-DI%D NI-D A. DG@ NAB&D&HIB -@'ABCD&A% A. / R I%L DGCM DG@ N@ANB@ IKI%? LA%@L F&DGACD I MD-CPPB@ I NAM&D&A% FG&HG DG@J I.D@-FI-LM

MD-CPPB@L' &%' 'I&%'DA'-@HA'@-' *D' FACBL'K@'I%' IKMC-L'@T? IPP@-ID&A%'DA'MIJ'DGID'.-A3'DG@'GAC-'A%'FG&HG'DG@'1-@ID' #AC%H&B'#A33@%H@L'&DM'M&DD&%PM'DG@'HA33A%IBDJ'H@IM@L'DA' @T@-H&M@'I%'&%.BC@%H@'A'@-'DG@'-@NCKB&H'J@D'F@'3IJ'HA%? .&L@%DBJ'I..&-3'DGID'.-A3'DGID'GAC-'DG@'NAF@-'A.'DG@'DFA' BAF@-'!MDID@M'-IN&LBJ'L@HB&%@L'I%L'DGID'DG@%H@.A-FI-L' DG@'I-&MDAH-IHJ'HA%MD&DCD@L'DG@'N-@LA3&%I%D'@B@3@%D'&%' DG@'KALJ'NAB&D&H

G@'5CLP@M'A.'DG@'OIBIH@'%@TD'DAAO'&%DA'HA%M&L@-ID&A%' DG@'3A-@'L@B&HID@'SC@MD&A%'A.'HC-DI&B&%P'DG@'O-@-APID&'@' G@'3@%'A.', /'FG@%'DG@J'&%MD&DCD@L'DG@'LCHIB'A..&H@' GIL'3I&%BJ'L@M&P%@L'&D'IM'I'HC-K'A%'DG@'BIFB@MM'DJ-I%%J' A.'DG@'F@B'@'-&KC%@M'I%L'.A-'MA3@'D&3@'&%L@@L'DG@' LAP@'FIM'-@PI-L@L'M&3NBJ'IM'DG@'.&-MD'H&D&V@%'I%L'HG&@.' 3IP&MD-ID@'A.'DG@'HA3%&A%FU@IBDG' CD'G&M'NAF@-M'F@-@' '@-J'BAAM@BJ'L@.&%@L' A'KAC%LI-J B&%@'FIM'BI&L'LAF%' K@JA%L'FG&HG'G&M' @-@%&DJ'HACBL'%AD'B@PIBBJ'A-'HA%MD&DC? D&A%IBBJ'N-AH@@L' CHG'FIM'B@.D'DA'G&M'AF%'M@%M@'A.' GA%AC-'I%L'QCMD&H@'3CHG'DAA'3CHG'DA'DG@'L&-@HD&A%'A.' HGI%H@'A-'DG@'PC&LI%H@'A.'H&-HC3MDI%H@M' G@'-@MCBD' 3&PGD'GI'@'K@@%'.A-@M@@%' G&M'MB@%L@-'KAC%L'FIM'MAA%' A'@-MD@NN@L' G@'N@ANB@'A..@-@L'B&DDB@'ANNAM&D&A%' B&PGD' @%H-AIHG3@%DM'A%'DG@&-'B&K@-D&@M'F@-@'@IM&BJ'A'@-BAAO@LR I%L'DA'IHDM'FG&HG'F@-@'K@JA%L'LACKD'I-K&D-I-J'I%L'C%? FI--I%DIKB@'MD-@DHG@M'A.'DG@'LCHIB'N-@-APID&'@'DG@J'.-@? SC@%DBJ]'@TD@%L@L'I'3@IMC-@'A.'.A-K@I-I%H@'FG&HG'HACBL' A%BJ'K@'IMH-&K@L'DA'NGB@P3'A-'DA'.@I-' !'@%'DG@&-'AHHI? M&A%IB'-@M&MDI%H@'DA'DJ-I%%J'3I-O@L'IM'&D'FIM'KJ'L@@LM'A.' LI-O'I%L'GA--&L'H-C@BDJ'B@.D'%A'L@@N'A-'@%LC-&%P'D-IH@M' K@G&%L'&D' *D'@MDIKB&MG@L'%A'N-&%H&NB@' *D'DICPGD'%A

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D@--I' A.' A..&H@' MGACBL' K@' HA%M&L@-@L' IM' GI'&%P' @TN&-@L' A%' DG@'L@-I&M@' A.' DG@' #-AF%

G@' -@NCKB&H' FIM' %AF' N-A'&L@L' F&DG' I%' !T@HCD&'@' I%L' I' @P&MBIDC-@' KADG' HA%MD-CHD@L' A%' N-&%H&NB@M' FG&HG' &%? L&HID@L' %A' A-L&%I-J' 3@IMC-@' A.' F&MLA3' .A-@M&PGD' I%L' DIHD' A%' DG@' NI-D' A.' DG@' -@.A-3@-M' D&BB' &D' FIM' N@-.@HDBJ' AK'&ACM' DGID' .-A3' ANNAM&D@' HICM@M' KADG' F@-@' @SCIBBJ' &%? HINIKB@' A.' @T@-H&M&%P' I' LC@' I%L' FGAB@MA3@' HA%D-AB' A'@-' DG@' I..I&-M' A.' DG@' %ID&A%' M' DG@' .A-3@-' FIM' DAA' @THBC? M&'@' I%L' HA%H@%D-ID@' .A-' MCHG' I' NC-NAM@' MA' DG@' BIDD@-' FIM' DAA' %C3@-ACM' I%L' &%HA3NIHD' I%J' 3IDD@-M' 3I%J' SC@M? D&A%M' 3&PGD' I-&M@'&D' FIM' .@BD' FG&HG' DGACPG' %AD' A.' MC..&H&@%D' P-I'&DJ' I%L' &3NA-DI%H@' DA' FI--I%D' DG@' HA%'AHID&A%' A.' DG@' 1-@ID' #AC%H&B' F@-@' ID' DG@' MI3@' D&3@' DAA' F@&PGDJ' &%' DG@&-' HGI-IHD@-' I%L' DAA' P@%@-IB' &%' DG@&-' K@I-&%P' DA' K@' M@DDB@L' KJ' DG@' <AP@' I%L' DG@' #ABB@P@' A' 3@@D' DG&M' L&..&HCBDJ' &D' FIM' N-ANAM@L' DA' 3IO@' I%' I%%CIB' M@B@HD&A%' .-A3' DG@' B@P&M? BID&'@' KALJ' A.' M&TDJ' 3@3K@-M' FGA' C%L@-' DG@' L@M&P%ID&A%' A.' DG@' ' 3&PGD' .A-3' IM' &D' F@-@' I' HGI%%@B' A.' HA3? 3C%&HID&A%' K@DF@@%' DG@' DFA' @T&MD&%P' HAC%H&BM' I%L' DIO@' HAP%&VI%H@' A.' IBB' MCHG' 3IDD@-M' IM' &D' FIM' DGACPGD' C%%@? H@MMI-J' DA' -@.@-' DA' DG@' G&PG@-' D-&KC%IB +

G@' #A33&MM&A%@-M' A.' ;@.A-3' GI'&%P' ID' B@%PDG' HA3? NB@D@L' DG@M@' N-@B&3&%I-J' I--I%P@3@%DM' FG&HG' HGI%P@L' MA' HA%M&L@-IKBJ' DG@' -@BID&A%' A.' DG@' L&..@-@%D' 3@3K@-M' A.' DG@' KALJ NAB&D&H' DAFI-L' @IHG' ADG@-' DG@' 1-@ID' #AC%H&B = DG@' FA-O' A.' DG@&-' AF%' GI%LM = ID' A%H@' N-AH@@L@L' DA' @B@HD' I' %@F' LAP@' G@' N-AH@MM' KJ' FG&HG' DG@J' IDDI&%@L' DG@' AK

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Q@HD' %AF' &%' '&@F ' DGACPG' N-AKIKBJ' ILAND@L' M&3NBJ' IM' I%'
@TN@-&3@%D ' FIM' MC..&H&@%DBJ' %A'@B' I%L' HC-&ACMR' I%L' &D'
M@@3@L' DA' @TG&K&D' P-@ID@-' &%D-&HIHJ' I%L' @BIKA-ID&A% ' DGI%'
3&PGD' GI'@' K@@%' @TN@HD@L' &%' I%' IP@ ' FG@%' DG@' MH&@%H@' A.'
PA'@-%3@%D' FIM' MD&BB' &%' &DM' @I-B&@MD' MDIP@' A.' L@'@BAN3@%D '
*%' DG@' .&-MD' &%MDI%H@ ' DG@' @P&MBIDC-@' %A3&%ID@L' DG&-DJ .AC-'
HI%L&LID@M '-@HA33@%L@L' KJ' DG@&&UN-AK&DJ '@TN@-&@%H@ ' I%L'
ADG@-' G&PG' SCIB&.&HID&A%M ' G@M@' DG&-DJ .AC-' F@-@' %@TD'
-@LCH@L' KJ' KIBBAD' DA' @B@'@%R' %I3@BJ ' --&PA' I'IP&@-A '
@A%I-LA' &HG&@B&' ZDG@' MA%' A.' G&M' BID@' @-@%&DJ[' --&PA'
OABI%&' $&DIB&' <b%LABA ' -&A' IB&N&@-A ' ;@%&@-A' >I%@ '
"&B&NNA' 1-&DD& ' #I%L&I%A' IcCLA ' <A3@%&PA' A-AM&%& '
+$&DIB&' "IB&@-A ' I%L' I%IMM@M' ILA@- +' G@M@' @B@'@%' F@-@'
HA%MD&DCD@L' I%' @B@HDA-IB' HA%HBI'@ ' %' AIDG' FIM' IL3&?
%&MD@-@L' DA' DG@3 ' K&%L&%P' DG@3' DA' AKM@-'@ ' &%' DG@' @T@-H&M@'
A.' DG@&-' HGA&H@ ' DG@' MD-&HD@MD' QCMD&H@' I%L' &3NI-D&IB&DJR' I%L'
DG@' N@-MA% ' &%' FGA3' DG@' MC.&-IP@M' A.' %&%@' A.' DG@&-' %C3?
K@-' 3&PGD' GINN@%' DA' C%&D@ ' FIM' DA' K@' HA%M&L@-@L' IM' DG@'
MCHH@MMA-' A.' &HG&@B&' *** ' I'IP&@-A' I%L' G&M' HABB@IPC@M'
3@D' DA' L@B&K@-ID@' &%' DG@' HIDG@L-IB' A.' I&%D' I-O ' DG@'
LAA-M' A.' FG&HG' F@-@' DG-AF%' NC-NAM@BJ' AN@% ' &%' A-L@-' DGID'
IBB' MCMN&H&A%' A.' C%.I&-%@MM' I%L' HA--CND&A%' 3&PGD' K@' -@?
3A'@L' .-A3' DG@' NCKB&H' 3&%L'Q I%L ' &%' N-@M@%H@' A.' I' 'IMD'
HA%HAC-M@' A.' MN@HDIDA-M ' DG@J' L@HBI-@L ' I.D@-' MA3@' G@M&DI?
D&A%' I%L' L@BIJ ' -&A' IB&N&@-A ' A%@' A.' DBQ@&-' AF%' %C3K@-'
I%L' I' H&D&V@%' A.' G&PG' MDI%L&%P' &%' DG@' HA33C%@ ' DG@' AKQ@HD'
A.' DG@&- .-@@' I%L' C%I%&3ACM' HGA&H@ ' CD' DG@' LAP@' L@M&P?
%ID@ ' N-@D@%L&%P' I' L&..&L@%H@' A.' G&M' AF%' IK&B&DJ' DA' DIO@' DG@

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L&-@HD&A%' A.' I..I&-M' ID' I' 3A3@%D' A.'MCHG' L&..&HCBDJ' L@HB&%@L' DG@' N-A..@-@L' L&P%&DJ ' I%L' N-ANAM@L' &%' G&M' MD@IL' DG@' M@? %IDA-' @KIMD&I%A' >&I%&' I' N@-MA%' A.' '@%@-IKB@' L@NA-D3@%D' FGAM@'@3&%@%D' DIB@%DM' I%L' I3NB@' .A-DC%@+'K@DD@-' SCIB&.&@L' G&3' .A-' DGID' G&PG' I%L' -@MNA%M&KB@' MDID&A%' G@' ADG@-' 3@3K@-M' A.' DG@' HA%HBI'@' AKQ@HD@L' %AD' DA' DG@' MCKMD&DCD&A%' MCPP@MD@L' KJ' IB&N&@-A' G&M' %A3&%@@' FIM' N-AHBI&3@L' <AP@' ID' DG@' P-@ID' IBDI-' A.' I&%D' I-OUM' KJ' DG@' O-AHC? -IDA-' @A%I-LA' O-IL@BBAR' DA' DG@' %@F' I%L' QCL&H&ACM' .A-? 3CBI' d' ' ' (' (') *' DG@' N@ANB@'-@' MN&5%L@L' F&DG' MGACDM' I%L' IHHBI3ID&A%MR' I%L' >&I%&' GI' &%P' K@@%' KA-%@' A%' I' HGI&-' A.' MDID@' -AC%L' DG@' O&IVVI' FG@-@' G@' L&MD-&KCD@L' I' B&K@-IB' BI-P@MM@' I3A%P' DG@' KJMDI%L@-M' FIM' MAB@3%BJ' &%'@MD@L'A%' G&M' -@DC-%' DA' DG@' HIDG@L-IB' F&DG' DG@' LCHIB' H-AF%' I%L' DG@'&'A-J' MH@ND-@' Z/DG' 5I%CI-J' /E[

CHG' FIM' DG@' ;@'ABCD&A%' A.' / ' I%L' MCHG' F@-@' DG@' P-@ID' I%L' MIBCDI-J' -@.A-3M' FG&HG' &D' GIL' DG@' @..@HD' A.' &%? D-ALCH&%P' &%DA' DG@' $@%@D&I%' PA'@-%3@%D' G@' N@ANB@' B&DDB@' &%' DG@' GIK&D' A.' DG&%O&%P' .A-' DG@3M@B'@M' A-' A.' .A-3&%P' I%' &%L@N@%L@%D' AN&%&A%' M&B@%DBJ' I@SC&@MH@L' &%' DG@' HGI%P@R' I%L' &D' FIM' L&MD&%HDBJ' C%L@-MDAAL' DGID' DG@' <AP@' >&I%&' IHH@ND@L' A..&H@' C%L@-' DG@' D@-3M' A.' DG@' %@F' HA%MD&DCD&A%

@D' A%@' AKQ@HD' FG&HG' KJ' P@%@-IB' IHO%AFB@LP3@%D' FIM' A.' '&DIB' I%L' 3A3@%DACM' &3NA-DI%H@' DA' DG@' HA33C%&DJ' ID' BI-P@' MD&BB' -@3I&%@L' C%IHHA3NB&MG@L' G&B@' DG@' A-PI%M' A.'DG@' I-&MDAH-IHJ' F@-@' AHHCN&@L' F&DG' -@D-@%HG&%P' DG@' LCHIB' N-@-APID&'@' I%L' &3NAM&%P' B&3&DID&A%M' A%' DG@' .-@@LA3' A.

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DG@ N@ANB@ DG@ .&%I%H&IB N-AMN@HDM A. DG@ -@NCKB&H GIL P-ILCIBBJ IMMC3@L DG@ PBAA3&@MD I%L 3AMD L&MHAC-IP&%P HGI-IHD@-R I%L ID DG@ N-@M@%D QC%HDC-@ DG@ .C%LM &% I&%D I-OUM D-@IMC-J F@-@ ID DG@ BAF@MD @KK % @ A. DG@ B@IL&%P @'&BM IDD@%LI%D A% DG@ BID@ FI- FIM DG@ G@I'J HIBB FG&HG &D 3IL@ A% DG@ NCKGH NC.M@R GIL %AD N-&'ID@ 3C%&.&H@%H@ HA3@ .A-FI-L &% I&L A. DG@ L@.&H&@%H&@M A. DG@ "&MH &D &M %A @TIPP@-ID&A% DA MIJ DGID DGID FI- HACBL %@'@- GI'@K@@% C%L@-DIO@%R I%L @'@% C%L@- DG@ IHDCIB H&-HC3? MDI%H@M &D GIL -@LCH@L DG@ DID@ DA DG@ K-&%O A. &%MAB'@%HJ *D FIM D-C@ DGID DG@ PA'@-%3@%D 3&PGD HAC%D @'@-J J+I- A% I HA%MDI%D I%L %AD &%HA%M&L@-IKB@ -@DC-% .-A3 DG@ HCM? DA3M I%L ADG@- -@PCBI- &3NAMDM MCHG IM DG@ LCDJ BI&L A% '@MM@BM FG&HG @%D@-@L A- B@.D $@%@D&I% NA-DM I%L DG@ KI&BBIP@ B@'&@L A% IBB PAALM @TNA-D@L KJ IB&@%M .-A3 DG@ -@NCKB&H CD DG@ &%HA3@ I-&M&%P .-A3 DG@M@ 'I-&ACM MAC-H@M DGACPG &D 3&PGD K@MC..&H&@%D DA 3@@D DG@ HC--@%D I%L A-L&%I-J @TN@%L&DC-@ FIM FGABBJ &%IL@SC+@ DA DG@ B&SC&LID&A% A. DG@ L@KDM HA%D-IHD@L A- DG@ -@NI-ID&A% A. DG@ BAMM@M MCMDI&%@L &% DG@ HAC-M@ A. DG@ 1-@@O HI3NI&P% *D FIM IBMA D-C@ DGID M@'@-IB I%H&@%D MDIDCD@M F@-@ &% @T&MD@%H@ FG&HG NC%&MG@L KJ I P-ILCID&%P MHIB@ A. .&%@M H@-DI&% G@&%ACM A..@%H@M IPI&%MD DG@ DID@ MCHG IM DG@ D-I..&H &% #G&&MD&I% MBI'@M DG@ MCNNBJ A. I-3M A- N-A'&? M&A%M DA DG@ I-IH@%M DG@ .A3@%D&%P A. H&'&B L&MHA-L A- DG@ HA%%&'I%H@ ID M@L&D&ACM L&MA-L@-M &% DG@ LCHIB NIBIH@ CD I+I&% DG&M K-I%HG A. DG@ -@'@%C@ FIM %@H@MMI-&BJ C%H@-DI&% I%L N-@HI-&ACM M&%H@ DGAM@ N@%IB BIFM F@-@ M@BLA3 @%.A-H@L F&DG -&PAC- I%L %AD I .@F DG@ DFA .&-MD 3@%D&A%@L .A- &%MDI%H@ F@-@ '&-DCIBBJ B&DDB@ 3A-@ DGI%

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NA&%D DA DG@ I%O A.$@%&H@ IM DG@ ABL@MD &%MD&DCD&A%' A.' DG@ O&%L &% !C-AN@

M F@ GI'@ IB-@ILJ &%D&3ID@L GAF@'@-' DG@ BAI%' A.' /E FIM %AD DG@ .&-MD AHHIM&A%' A%' FG&HG DG@ $@%@D&I%' PA'@-%3@%D HI--&@L &%DA N-IHD&H@ DG@ DG@A-J A.' NCKB&H H-@L&D' KACD D@%' J@I-M K@.A-@ DG@ C%.A-DC%ID@ -CNDC-@ F&DG DG@ HAC-D A.' #A%MDI%D&%ANB@' DG@ <AP@ &HG&@B&'@3? KI--IMM@L KJ DG@ N@HC%&I-J L&..&HCBD&@M' &%' FG&HG DG@ DID@ FIM &%'AB'@L' KA--AF@L .-A3 M@'@-IB ANCB@%D 3@-HGI%DM &%' DG@ %I3@ A.' DG@ HA33C%@' I' MC3' A.' A%@ GC%L-@L' I%L' .&.DJ DGACMI%L' 3I-OM A.'M&B'@-R DG@ MCKMH-&K@-M DA DG@ BAI%' F@-@ DG@ N-@M@%D <AP@' -&A IB&N&@-A' -&A' -&A'O&@D-A' HADI%DA' #-IDA%@ <I%LABA' I%L' I' .@F ADG@-MR I%L' DG@'' KA%L' A-' PCI-I%D@@' KJ FG&HG DG@ ;&IBDA I%L' IBB DG@ LC@M I-&M&%P .-A3 &D' F@-@ 3A-DPIP@L' DA DG@3' .A-' I' D@-3' A.' @B@'@%' J@I-M ZF&DG&%' FG&HG N@-&AL -@NIJ3@%D A.' DG@' 3A%@J FIM N-A3&M@L[KA-@ LID@ DG@ DG 5C%@' , +' G&M IL'I%H@ &D &M DA K@ AKM@-'@L' FIM NC-@BJ 'ABC%DI-JR &D KA-@ %A &%D@-@MDR I%L' F@ 3IJ' N@-GINM' -@PI-L' &D IM DG@ .&-MD LLKD A.' DG@ MA-D' FG&HG FIM @'@-' HA%D-IHD@L' KJ DG@ -@NCKB&H

O-&A-' DA G&M L@NI-DC-@ .-A3 H&A &%' DG@ 3A%DG A.' N-&B' / ' DG@ BID@ LAP@' %AD J@D IKI%LA%&%P DG@ GAN@ A.' @.? .@HD&%P I' -@HA%H&B&ID&A%' F&DG DG@ JVI%D&%@ HAC-D' GIL' .A-' DGID NC-NAM@ L@MNIDHG@L' DA #A%MDI%D&%ANB@ "&B&NNA 1-&DD& I%L' --&PA <I%LABA A.' I%' CHI +' G@ $@%@D&I%' @3? KIMMJ FIM -@H@&'@L' IM A%' DFA .A-3@-' AHHIM&A%MM F&DG MC.

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A.ʻ MD-&HDʻ %@CD-IB&DJʻ G@ʻ A%BJʻ &%MDI%H@ʻ &%ʻ FG&HGʻ DG@ʻ %HA%@M@ʻ F@-@ʻ B@LʻDAʻ L@'&ID@ʻ.-A3ʻ DG&Mʻ &%L@N@%L@%Dʻ J@Dʻ GIVI-LACMʻ NAB&HJʻ GILʻ AHHC--@Lʻ&%ʻ ,Eʻ FG@%ʻ DG@&-ʻDAF%ʻ FIMʻ K@M&@P@Lʻ KJʻ DG@ʻ&3N@-&IBʻ D-AANMʻ C%L@-ʻ I-KI-AMMIʻ&%ʻ N@-MA%ʻ I%Lʻ A%ʻ DGIDʻ AHHIM&A%ʻ DG@JʻGILʻ DG@ʻ N-ACLʻ MID&M.IH? D&A%ʻ A.ʻA..@-&%Pʻ Iʻ MCHH@MM.CBʻ-@M&MDI%H@ʻ DAʻ DG@ʻ I--IMʻ A.ʻ DG@ʻ :AG@%MDIC.@%ʻ "-A3ʻ ,Eʻ DAʻ DG@ʻ N-@M@%Dʻ D&3@ʻ DG@ʻ ID? D@%D&A%ʻ A.ʻ"-@L@-&Hʻ I%Lʻ G&Mʻ B&@CD@%I%Dʻ #G-&MD&I%ʻ -HG? K&MGANʻ A.ʻ IJ@%H@ʻ FIMʻ.CBBJʻ AHHCN&@Lʻ KJʻ DG@ʻ A3KI-Lʻ B@IPC@ʻ I%Lʻ DG@ʻ I..I&-Mʻ A.ʻ1@-3I%JRʻ I%Lʻ LC-&%Pʻ DG@ʻ FGAB@ʻ A.ʻ DGIDʻ N@-&ALʻ %HA%Iʻ FIMʻ B@.Dʻ &%ʻ DG@ʻ @%QAJ3@%Dʻ A.ʻ.-@@? LA3ʻ I%Lʻ D-I%SC&BB&DJʻ CDʻ%AFʻ Iʻ%@Fʻ LI%P@-ʻ DG-@IDG@%@Lʻ G@-ʻ G@ʻ B@I-%Dʻ&%ʻ DG@ʻ HAC-M@ʻ A.ʻ DG@ʻ F&%D@-ʻ /Eʻ DGIDʻ IJ@%H@ʻ GILʻ.A-3@Lʻ Iʻ L@D@-3&%ID&A%ʻ DAʻ MNI-@ʻ %Aʻ HAMDʻ A-ʻ @T@-D&A%ʻ&%ʻ PI&%&%Pʻ.A-ʻ G&Mʻ 3IMD@-ʻ Iʻ NAM&D&A%ʻ FG&HGʻ HA3? 3I%L@Lʻ Iʻ.&%@ʻ GI-KAC-ʻ I%Lʻ Iʻ%IDC-IBʻ.A-D-@MMRʻ I%Lʻ&Dʻ FIMʻ MAA%ʻ C%L@-MDAALʻ DGIDʻ G@ʻ HAC%D@Lʻ A%ʻ DG@ʻ HA AN@-ID&A%ʻ A.ʻ DG@ʻ-@NCKB&Hʻ A.ʻ$@%&H@ʻ G@ʻ$@%@D&I%Mʻ&%ʻ D-CDGʻ F@-@ʻ DAAʻ F@BBʻ NB@IM@Lʻ DAʻ@%PIP@ʻ&%ʻ I%ʻ @%D@-N-&M@ʻ FG&HGʻ 3&PGDʻ IDʻ A%H@ʻ I..A-Lʻ DG@3ʻ DG@ʻ 3@I%Mʻ A.ʻ-@DIB&ID&%Pʻ A%ʻ DG@ʻ 1-@@Oʻ @3N@-A-+ʻ I%Lʻ A.ʻ MD-&O&%Pʻ Iʻ G@I'Jʻ KBAFʻ IDʻ Iʻ NBIH@ʻ FG&HGʻ DG@Jʻ HA%MDI%DBJʻ N@-GINMʻ QCMDBJʻ L@%AC%H@Lʻ IMʻ Iʻ%@MDʻ A.ʻ N&-ID@Mʻ J@Dʻ FG&HG &Dʻ FIMʻ F@BBʻ O%AF%ʻ DG@Jʻ-@PI-L@Lʻ F&DGʻ %Aʻ A-L&%I-Jʻ MGI-@ʻ A.ʻ I%&3AM&DJʻ IMʻ DG@ʻ M@IDʻ A.ʻ Iʻ.BAC-&MG&%Pʻ I%Lʻ HA3N@D&D&'@ʻ D-IL@Rʻ DG@ʻ LAP@ʻ HA%M@SC@%DBJʻ B@%Dʻ Iʻ F&BB? &%Pʻ @I-ʻ DAʻ DG@ʻ MCPP@MD&A%ʻ A.ʻ Iʻ HAIB&D&A%Rʻ I%Lʻ A%ʻ DG@ʻ MDʻ N-&Bʻ /Rʻ Iʻ NAF@-.CBʻ.B@@Dʻ A.ʻDG&-DJ .AC-ʻ PIBB@JMʻ A.ʻ FI-ʻ QA&%DBJʻ HA33I%L@Lʻ KJʻ G&Mʻ MA%ʻ O&@D-Aʻ I%Lʻ DG@ʻ L3&-IBʻ I-HAʻ 1&CMD&%&I%&ʻ @%D@-@Lʻ DG@ʻ GI-KAC-ʻ A.ʻ %HA%Iʻ Iʻ IDʻ DG@

MI3@ D&3@ DGID DG@ .A-H@M A. DG@ I-HGK&MGAN DAAO CN I MD-A%P NAM&D&A% C%L@-DG@ FIBBM +

G@ ANP-ID&A%M A. DG@ BB&@M F@-@ GAF@'@- &%L@H&M&'@ &% DG@&- HGI-IHD@- I%L -@MCBDR I%L M@'@-IB 3A%DGM NIMM@L IFIJ F&DGACD I%J HA%M&L@-IKB@ IL'I%DIP@ IHH-C&%P DA @&DG@-M&L@ CD FG&B@DG@ $@%@D&I%HA33&MMI-&ID I..A-L@L I HA%MDI%D I%L I3NB@ MCNNBJ A. DG@ %@H@MMI-&@M A. B&.@ DA DG@ D-AANM A. DG@ -@NCKB&H IM F@BB IM DA DGAM@ A. G@- HA%? .@L@-ID@ DG@ K@M&@P@L MAA% K@PI% DA M&%OC%L@-DG@ N-@M? MC-@ A. FI%DR I%L IM DG@ N-L&%I-J 3@I%M A. MCKM&MD@%H@ .I&B@L DG@3 IBB HBIMM@M F@-@ KJ L@P-@@M AKB&P@L DA -@MA-D DA .AAL DG@ 3AMD %ICM@ACM I%L -@'ABD&%P &% &DM O&%L = .AAL .-A3 FG&HG ID ADG@- D&3@M DG@J FACBL GI'@ DC-%@L F&DG L&MPCMD I%L IKGA--@%H@ ADG&%P GAF@'@- HACBL MGIO@ DG@ .A-D&DCL@ A. DG@ %HA%@M@ A N&NJID&A%M %A GI-LMG&NM %A MC..@-&%PM M@@3@L DA LIC%D DG@&- G@-A&H HAC-IP@ *% DG@ NIP@M A. CA%HA3NIP%A + I HA%D@3? NA-I-J A. DG@ @'@%DM FG&HG G@ %I--ID@L 3I%J N-AA.M I-@ @TDI%D A. DG@ HAAB &%D-@N&L&DJ I%L %AKB@ M@B. L@%&IB FG&HG DG@ MDACD G@I-D@L H&D&V@%M @TG&K&D@L C%L@- H&-HC3MDI%H@M MA D-J&%P %@ +JAC%P .@3IB@ A. G&PG -I%O &D &M MI&L M@@&%P I MAQL&@-BJ&%P N-AMD-ID@ .-A3@TGICMD&A% I%L @'&? L@%DBJ .I&%D F&DG DG&-MD A..@-@L G&3 G@- K-@IMD DGID G@ 3&PGD %AD FI%D MD-@%PDG DA M@-'@ DG@ PAAL HICM@R KCD DG@ 3I% M@@3&%P DA .@@B DG@ A..@- A. DG@ JAC%P 3ID-A%

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IM I -@N-AA. MDI-D@L DA G&M .@@D I%&3 ID@L KJ .-@MG '&PAC- I%L -@DC-%@L DA DG@ NAMD A. LCDJ @&DG@- &D &M N-AKIKB@ GIL DIMD@L .A- MA3@ D&3@ I%J ADG@- %AC-&MG3@%D DGI% '@-3&% I%L MAIO@L B@IDG@- M@HA%L M%IDHG&%P I B&PGD@L K-I%L 3AC%D@L DG@ .A-D&.&HID&A%M I%L M@D .&-@ DA I $@%@? D&I% PIBB@J FG&HG BIJ C%L@- DG@ FIBB %L FG&B@ DG@ PI--&MA% N@-.A-3@L N-AL&P&@M A. 'IBAC- A% DG@ -I3NI-DM L&'@-M FIDHG&%P DG@&- ANNA-DC%&DJ MCHH@@L@L &% 3I%J &%MDI%H@M &% M@'@-&%P DG@ HIKB@M A. DG@ '@MM@BM A. DG@ .B@@D I%L &% M@%L&%P DG@3 IL-&.D *% DG&M 3I%%@- DG@ -@NCKB&H &M -@NA-D@L DA GI'@ BAMD %A .@F@- DGI% M@'@% MI&B D&BB DG@ %HA%@M@ F@-@ HA%MH&ACM DAA HA%MH&ACM DGID F&DG IBB DG@&- K-I'@-J I%L -@MABCD&A% DG@&- NAF@-M A. @%LC-I%H@ HACBL %AD @TD@%L K@JA%L I H@-DI&% B&3&DR I%L &%L@@L DG@ NI&%.CB HA%'&HD&A% FIM MBAFBJ .A-H&%P &DM@B. CNA% DG@3 DGID DG@J 3CMD MAA% @&DG@- N@-&MG A- HIN&DCBID@ FG@% A%@ %&PGD &% HDAK@- DG@J K@G@BL .-A3 DG@ DAF@- A. DG@ HI? DG@L-IB DG@ G@&PGDM FG&HG HA33I%L@L DG@&- H&DJ H-AF%@L F&DG KBIV&%P DA-HG@M G@M@ DA-HG@M I%%AC%H@L DG@ IN? N-AIHG I%L L&MPC&M@L DG@ F@IO%@MM A. I M3IBB .A-H@ FG&LG FIM ID BIMD A% &DM FIJ DA DG@&- -@B&@.

3A%P DGAM@ .@F FGA IL3&-@L DG@ HA%MDI%HJ A. %? HA%I I%L MGI-@L G@- IDDIHG3@%D DA DG@ HAC-D A. #A%MDI%? D&%ANB@ F@-@ BL-CL@ "-I%P&NI%& #AC%D@MM A. @-D&%A-A I%L L@BI-L L@ I-HG@M@BBI I F@IBDGJ 3@-HGI%D A. "@-? -I-I A MAA%@- F@-@ I-HG@MLBBI I%L @-D&%A-A IFI-@ A. DG@ @TD-@3&DJ DA FG&HG DG@ K@M&@P@L F@-@ -@LCH@L DGI% DG@J ID A%H@ L@D@-3&%@L DA -@%L@- DG@3 @'@-J IMM&MDI%H@ &% DG@&- NAF@- *% MCHG I HICM@ %A MIH-&.&H@ INN@I-@L DA K@ DAA P-@ID G@ 3@-HGI%D -GA-DPIP@L G&M

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NAB@DA' D' DG@' MI3@' D&3@' DG@' L3&-IB' 1&CMD&%&I%&' -I&M@L' DG@'KBAHOIL@'A.'DG@'NA-DF I%L'F@' 3IJ'K@B&@'@'DGID' DG@'-@NCKB&H' F&DGL-@F' %AD'C%F&BB&%PBJ'.-A3' I'HA%D@MD' &%' FG&HG' MG@' GIL' IB-@ILJ' MN@%D' M@'@%' 3A%DGM' I%L' BAMD' @&PGD' PIBB@JM' Z A'@3K@-' / [

G@' NI-D&H&NID&A%' A.' $@%&H@' &%' DG@' M&@P@' A.' %HA%I' FG&HG' &%L&HID@L' %A' HGI%P@' &%' G@-' NAB&HJ' I%L' .@@B&%PM' KCD' FG&HG' 3IJ' K@' MI&L' DA' GI'@' N-AH@@L@L' NI-DBJ' .-A3' Q@IBACMJ' A.' I' HA33@-H&IB' -&'IB' NI-DBJ' .-A3' 3IB@'AB@%H@' DAFI-L' DG@' 1-@@O' @3N@-A-' FIM' IDD@%L@L' GAF@'@-' ID' B@IMD' KJ' A%@' &3NA-DI%D' I%L' K@%@.&H&IB' @..@HD' &%IM3CHG' IM' &D' -@%L@-@L' !3I%C@B' 3A-@' AN@%' DA' %@PAD&ID&A%' DGI%' K@.A-@' DG@' @'@%D' *%' N-&B' G&M' IQ@MDJ' GIL' @'&%H@L' I' MD-A%P' G@M&DID&A%' DA' IHH@ND' DG@'D@-3M' A.'N@IH@' FG&HG' F@-@' A..@-@L' DA' G&3' KJ' >&I%&F &%' A'@3K@-' G@' MG@F@L' G&3? M@B.' 3A-@' LAH&B@' I%L' D-IHDIKB@F I%L' DG@' -@NCKB&H' QCLP@L' -&PGDBJ' DGID' DG@' @3N@-A-' GIL' %AF' K@HA3@' M@%M&KB@' A.' DG@' &%@TN@L&@%HJ' A.' MC..@-&%P' G&M' ABL' IBBJ' DA' -I%P@' G@-M@B.' I3A%P' G&M' @%@3&@M' *%' .IHD' I' D-@IDJ' FIM' HA%HBCL@L' &%' DG@' @I-BJ' MN-&%P' A.' / 'KJ' FG&HG' DG@' -@BID&A%M' K@DF@@%' DG@' DFA' OAF@-M' F@-@' NBIH@L' A%' DK@&-' .A-3@-' .AAD&%P' I%L' KJ' FG&HG' DG@' &%L@3%&DJ' DA' K@' 3IL@' DA' DG@' $@%@D&A%M' .A-' DG@' BAMM@M' IHH-C&%P' DA' DG@' 3@-HI%D&B@' HA33C%&DJ' .-A3' DG@' M@SC@MD-ID&A%' I%L' @3KI-PA' A.' / 'FIM' .&T@L' ID' ' ' (') ' ' 2' NIJIKB@' KJ' &%MDIB? 3@%DM' @TD@%L&%P' A'@-' I'N@-&AL' A.'J@I-Me

' .@F' 3A%DGM' I.D@-FI-LM' DG@' O&MI%M' .&%L&%P' DGID

Ĝ 9 '7 '*QD/:Ŷ3 ' '42 '* '*>=/:Ń 6 '75,'*'D: 'B '+ ' ' ','** 0D:

DG@&- FI- F&DG 1@%AI @%P-AMM@L DG@&- FGAB@ %BI-&%H I%L
DGID DG@&- 3@-HGI%D M@-'&H@ DGCM B@.D F&DGACD N-AD@HD&A%
FIM @TNAM@L DA DG@ L@N-@LID&A%M A. DG@ GA-MI&-M A. DG@
2 @L&D@--I%@I% L@D@-3&%@L DA GI'@ -@HAC-Mh DA DG@ -@?
NCKB&HR I%L I HA%'@%D&A% .A- D@% J@I-M FIM -ID&.&@L ID
O&MI A% DG@ 8DG @ND@3K@- / + KJ DG@ HA%MCBM A. DGID
HA33C%@ A% DG@ A%@ GI%L I%L DG@ $@%@D&I% I3KIMMILA-
1&A'I%%& <CALA A% DG@ ADG@- KJ FG&HG &D FIM MD&NC?
BID@L DGID DG@ O&MI%M NC-HGIM@L M@HC-&DJ .A- DG@&- D-IL@
I%L &%L@3%&DJ &% DG@ @'@%D A. BAMM F&DG I% I%%CIB D-&?
KCD@ DA DG@ LCHIB .&MH A. DF@%DJ .&'@ N@- H@%D A% DG@ 'IBC@
A. DG@&- HA33@-H@ &% DG@ @'I%D +

&TD@@% J@I-M GIL %AF @BINM@L M&%H@ DG@ L@IDG A. G&M
N-@L@H@MMA- L-&I% *$ I%L ; ABI%L ; I%CH MD&BB FI%L@-@L
.-A3 HAC-D DA HAC-D I%L .-A3 O&%PLA3 DA O&%PLA3 I
.CP&D&'@ I% @T&B@ I%L I MCNNB&I%D A3@ MDID@M ILLCH@L
DG@ AIDG A. IBB@P&I%H@ FG&HG KAC%L DG@3 DA "-@L@-&H IM
I MC..&H&@%D P-AC%L .A- -@.CM&%P DA I..A-L I% IMJBC3 DA G&M
K&DD@-@MD @%@3J DG@-M FG&B@ DG@J G@M&DID@L %AD DA I'AF
DGID DG@&- MJ3NIDG&@M I%L &%HB&%ID&A%M @%D&-@BJ BIJ F&DG
G&3 NBI&%BJ -@N-@M@%D@L+ DG@ .@I-.CB -&MO FG&HG DG@J -I%
KJ AN@%BJ I%L IHD&'@BJ @MNACM&%P G&M HICM@ A. L-IF&%P
A% DG@&- G@ILM DG@ '@%P@I%H@ A. DG@ 1G&K@BB&%@M &H&BJ
&D FIM D-C@ GIL MG@F% @'@-J F&MG DA M@-'@ G&M :AB&%@MM
I%L DA N-A3AD@ G&M &%D@-@MDM I%L G@- O&%P FIM IDDIHG@L
DA B@TI%L@- KJ DG@ D&@M A. N@-MA%IB .-&@%LMG&N CD

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&H&BJ' IBDGACPG' MG@' HACBL' ID' IBB' D&3@M' A..@-' DG@' &BBCM' DQU&ACM' N-AMH-&ND' I%' IMJBC3' I%L' I'GA3@' FIM' &%HINIH&DID@L' KJ' G@-' MHI%DJ' -@MAC-H@M' IM' F@BB' IM' KJ' G@-' P@AP-ING&HIB' M&DCID&A%' .-A3' B@%L&%P' G&3' @..&H&@%D' I&L' A-' MDI%L&%P' .A-DG' I3A%P' DG@' %ID&A%M' IM' DG@' HGI3N&A%' A.' DG@' #GC-HG' *%' DG&M' @TD-@3&DJ' DG@' @J@M' A.' DG@' 1C@BNGM' DC-%@L' %AD' C%? %IDC-IBBJ' A%' $@%&H@' G@' -@NCKB&H' DG@J' K@PI%' DA' .@@B' FIM' .-A3' 'I-&ACM' HICM@M' &%' I' K@DD@-' NAM&D&A%' DGI%' I%J' ADG@-' OAF@-' &%' #G-&MD@%LA3' DA' N-AD@HD' DG@' :ABJ' @@' .-A3' C%QCMD' N@-M@HCD&A%' I%L' DA' AN@%' DG@' FIJ' DA' I' -@HA%H&B&I? D&A%' K@DF@@%' DG@' CHH@MMA-' A.' #GI-B@3IP%@' I%L' DG@' MCH? H@MMA-' A.' I&%D' O@D@-' G@' FIM' I%' &3NA-DI%D' 3@3K@-' A.' DG@' P-@ID' *DIB&I%' #A33A%F@IBDG' G@' FIM' @SCIBBJ' &%L@? N@%L@%D' A.' KADG' @3N&-@M' :@-' M&D@' FG&HG' GIL' A%H@' NA&%D@L' G@-' ACD' IM' I' H&DJ' A.' -@.CP@' FIM' HA33I%L&%P' I%L' M@HC-@' :@-' %I'J' FIM' DG@' D@--A-' I%L' IL3&-ID&A%' A.' !C-AN@' D' DG@' MI3@' D&3@' DG@' -@NCKB&H' FIM' %@&DG@-' I' NI-DJ' DA' DG@' A3KI-L' @IPC@' %A-' I%' IBBJ' DA' DG@' 1G&K@B' B&%@M' "A-' C%B&O@' 1@%AI' I%L' O&MI' FG&HG' ID' I%' @I-BJ' MDIP@' A.' DG@' FI-'GIL' L@H&L@L' A%' M&L&%P' F&DG' I-KI-AMMI' $@%&H@' HA%D&%C@L' F&DG' HGI-IHD@-&MD&H' N-CL@%H@' DA' FIDHG' DG@' HAC-M@' A.' @'@%DMR' I%L' IBDGACPG' MG@' GIL' .-A3' DG@' HA33@%H@3@%D' @TG&K&D@L' I' MD-A%P' K&IM' &%' .I'AC-' A.' DG@' B&K@-IB' .IHD&A%' MG@' GIL' %AD' J@D' .A-3IBBJ' L@HBI-@L' G@-M@B.' #A%M@SC@%DBJ' DG@' BIPAA%' 3&PGD' MD&BB' K@' HA%M&L@-@L' %@CD-IB' P-AC%L' A' $@%&H@' DG@-@.A-@' B@TI%L@-' L@D@-3&%@L' DA' -GIO@' I' BIMD' INN@IBR' I%L' GI'&%P' .A-' DG&M' NC-NAM@' DIO@%' B@I'@' A.' DG@' HAC-D'A.' &H&BJ' BID@' &%' DG@' ICDC3%' A.' /,'G@' I--&'@L' ID' %IP%&'%@I-' A%D' #IMM&%A' DAFI-L' DG@' HBAM@' A.' HDAK@-' A.' DGID' J@I-' ' "-A3' %IP%&' G@' N-AH@@L@L' DA

@%@'@%DA FG&HG G@ -@IHG@L A% DG@ ,DG A. <@H@3K@-i I%L FG@-@ I '!-&@DJ A. HICM@M HA3K&%@L DA L@DI&% G&3 D&BB DG@ !N&QQGI%J / / : @ MI&B@L .A- $@%&H@ .-A3 DG@ GI-KAC- A. 1CA-A A% DG@ L-&ID&H A% MG @L%@MLIJ DG@ DG A. I-HG G@ NINIB MSCIL-A% FIM HA3QQAM@L A. @B@'@% PIBB@JM FG&HG GIL K@@% NBIH@L ID ; I%CH&UM L&M? NAMIB KJ DG@ &H&B&I% N-&%H@R I%L &% ILL&D&A% DA DG@ #AC%D A. %L-&I I%L DG@ -HGK&MGAN A. IB@-%A FGA IHHA3? NI%&@L G&3 IM DG@ I3KIMMILA-M A. &BB&I3 G&M : AB&%@MM FIM IDD@%L@L KJ I -@D&%C@ A. .&'@ HI-L&%IBM D DG@ D&3@ A. DG@&- L@NI-DC-@ DG@ K-@@V@ GIL K@@% @TH@@L&%PBJ N-A? N&D&ACM R KCD I% C%.I'AC-IKB@ HGI%P@ MCKM@SC@%DBJ DAAO NBIH@ I%L DG@ 'AJIP@-M F@-@ L-&'@% KJ MD-@MM A. F@IDG@- MA .I- ACD A. DG@&- HAC-M@ DGID DG@J F@-@ PBIL DA NCD &% A% C%LIJ DG@ DG A. DG@ 3A%DG ID >I-I DG@ N-&%H&NIB DAF% &% $@%@D&I% <IB3ID&I G@J MDIJ@L ID >I-I .AC- LIJM % GC-MLIJ DG@ ,DG DG@J-@ @3KI-O@L DG@ MI&BM K@&%P A%H@ 3A-@ M@D .A- DG@ BIPAA%R I%L A% @L%@MLIJ @'@%&%P DG@ E-L A. I-HG DG@ '@MM@B FG&HG KA-@ DG@ NA%D&..I%L G&M MC&D@ @%D@-@L DG@ NA-D A. &LA B@TI%L@- FIM BALP@L DGID %&PGD &% DG@ IKK@J A. I&%D &HABIMR A% DG@ .ABBAF&%P 3A-%&%P I N-AH@MM&A% A. DG@ LAP@ DG@ %AKB@M I%L DG@ HB@-PJ HI3@ DA F@BHA3@ G&M : AG%@MM DA $@%&H@R I%L FG@% G@ GIL IDD@%L@L L&'&%@ M@-'&H@ &% I&%D I-OUM HIDG@L-IB I%L N-A%AC%H@L G&M K@%@L&HD&A% A% DG@ IMM@3KB@L N@ANB@ DG@ IDG@- FIM HA%LCHD@L KJ >&I%& G&3M@B.DA DG@ NIBIH@ A. DG@ OID-&I-HG A. 1-ILA ID

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I%' &B'@MD-A' FG&HG' FIM' IMM&P%@L' DA' G&3' IM' I'-@M&L@%H@' MA' BA%P' IM' G@' 3&PGD'-@3I&%' DG@' PC@MD' A.' DG@'-@NCKB&H G&B@'.A-DC%@' FIM' MA' FIJFI-L' I%L' HIN-&H&_CM' DAFI-L' ;ABI%L' ;I%CH&' MG@' FIM' @'@%' B@MM' O&%L' DA' G&M'-&'IB' I-? KI-AMMI' &%H@' DG@'.A-3ID&A%' A.' DG@' A3KI-L' @IPC@'&%' ,/' IBB' DG@' L@M&P%M' A.' DGID' N-&%H@' GIL' K@@%'.-CMD-ID@L' IBB' G&M' GAN@M' GIL' K@@%' L@H@&'@L' :&M' D-AANM' GIL' K@@%' K@ID@%' ID' #IMMI%j R' DG@J' F@-@'-@NCBM@L' ID' %HA%IR' I%L' DG@J' F@-@' DADIBBJ' H-CMG@L' &%' I' KIDDB@' FG&HG' DAAO' NBIH@' ID' @P%I%A' K@DF@@%' "-@L@-&H' I%L' DG@'.A-H@M' A.' DG@' 1C@BNG&H' HA%.@L@-IHJ' A%' DG@' DG' A.' IJ' /,' ADG&%P' %AF' M@@3@L' DA'-@3I&%' DA' DG@' ICPCMD' G@&-' A.' DG@' :AG@%MDIC.@%' MI'@' I%' INN@IB' DA' I' 3I%' FGA3UG@' GID@L' I%L' DA' I' DID@' FG&HG' G@' L@MN&M@L' B@TI%L@-' GAF@'@-' FIM' L&MNAM@L' DA' D-@ID' DG@' $@%@D&I%M' A%' DG@&-' NI-D' F@-@' N-@NI-@L' DA' 3@L&ID@R' I%L' IM' I%'&%&D&ID&'@' DG@' LAP@' L@MNIDHG@L' 5IHANA' I-KABI%A' I%L' "&B&NNA' -M@ABA' DA' INB@M' FG@-@' G&M' I? Q@MDJ' FIM' MDIJ&%P' DA' IMH@-DI&%' G&M' '&@FM' I%L' DA' I--I%P@' DG@' N-@B&3&%I-&@M' CD' DG@' IDD@3NDM' A.' DG@' @3KIMMJ' DA' @MDIKB&MG' DG@' KIM&M' A.' I%' I3&HIKB@' M@DDB@3@%D' F@-@' IBDA? P@DG@-'.CD&B@' G@' M&3NB@' N-ANAM&D&A%' DGID' G@' MGACBL' IH? O%AFB@LP@' B@TI%L@-' IM' DG@' A%BJ' D-C@' MCHH@MMA-' A.' I&%D' 0@D@-' FIM' MC..&H&@%D' &%L@@L' DA' 3ILL@%' G&3' DA' .-@%VJ' :@' HACBL' MHI-H@BJ'.&%L' FA-LM' DA' @TN-@MM' G&M' F-IDG' I%L' &%L&P%ID&A%' d' 1Ak' MI&L' G@' DA' I-KABI%A' I%L' G&M' HAB? B@IPC@' dI%L' D@BB' JAC-' N-&%H@' I%L' G&M' N@ANB@' DGID' "-@L@-&H' a&%P' A.' DG@' ;A3I%M' L@3I%LM' ID' DG@&-' GI%LM' I'.CP&D&'@' I%L' I'.A@R' DGID'&.' DG@J'-@.CM@' DA' L@B&'@-' G&3' DA' 3@'*' MGIBB' L@@3' I%L' L@HBI-@' DG@3' DG@' @%@3&@M' A.' 3J' @3N&-@' I%L

DB&ID' *' F&BB' NC-MC@' DG@3' KJ' BI%L' I%L' KJ' M@I ' C%D&B' *' GI '@'
NBI%D@L' 3J' '&HDA-&ACM' @IPB@M' A%' DG@' PID@M' A.' I&%D' I-OUM K'
G&M' KA3KIMD&H' I%L' N@-@3NDA-J' 3@MMIP@' .I&B@L' &%' N-A?
LCH&%P' DG@' L@M&-@L' @..@HD' A%' DG@' 1-@ID' #AC%H&B ' FG&HG'
-@3I&%@L' C%MGIO@%' &%' &DM' -@MABCD&A% ' *%' .IHD ' DG@' $@%@?
D&I%M' N@-H@&'@L' DGID' DG@J' F@-@' %AF' &%' I' NAM&D&A% ' .-A3'
FG&HG' &D' FIM' &3NAMM&KB@' DA' -@H@L@' F&DG' GA%AC- ' I%L' DG@J'
.@BD' NB@LP@L' DA' N-AD@HD' DG@' P-@ID' I%L' C%.A-DC%ID@' 3I% '
FGA' GIL' DIO@%' -@.CP@' I3A%P' DG@3 ' I%L' DA' '&%L&HID@' G&M'
N-@D@%M&A%M' DA' DG@' CD3AMD' A.' DG@&-' NAF@- ' &%H@ ' DG@% '
DG@-@' HACBL' K@' %A' -@IMA%IKB@' LACKD ' DG ID' I&UKI-AMMI' FACBL'
D-J' @'@-J' NAMM&KB@' 3@I%M' A.' HI--J&%P' G&M' ACD-IP@ACM' DG-@ID'
&%DA' @..@HD ' DG@' PA'@-%3@%D' L@D@-3&%@L' DA' BAM@' %A' D&3@' &%'
ILAND&%P' 3@IMC-@M' A.' M@B. L@.@%H@ ' GCDJ .AC-' BI-P@' PIB?
B@JM' A.' FI-' F@-@' ID' A%H@' IHHA-L&%PBJ' I-3@L ' 3I%%@L ' I%L'
@SC&NN@L ' G&-DJ .AC-' NID-&H&I%M ' I3A%P' GA3' DG@'
LAP@UM' MA%' O&@D-A' FIM' GA%AC-@L' KJ' I' NBIH@ ' F@-@' M@B@HD@L'
IM' DG@&-' HINDI&%M ' *D' FIM' L@H&L@L' DGID' >&I%&' G&3M@B.'
MGACBL' IMMC3@' DG@' HG&@.' HA33I%L ' %' DG@' ADG@-' GI%L '
DGA' :AG@%MDIC.@% ' DG@' MA%' A.' DG@' @3N@-A- ' FIM' MI&L' DA'
GI '@' -I&M@L' &%' G&M .IDG@-UM' %I3@' ID' 1@%AI' I%L' %HA%I'%A'
.@F@-' DGI%' M@'@%DJ .&'@' MI&B ' G@' L&MNI-&DJ' INN@I-@L' DA

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K@ '&%L@@L 'P-@ID ' J@D 'DG@-@ 'FIM '%A 'IBD@-%ID&'@ ' "A-'&D 'FIM '-@NA-D@L 'DGID 'DG@ '1@-3I%'N-&%H@ 'FIM 'IB-@ILJ 'IL'I%H&%P 'A%'DG@ 'BIPAA%'R I%L 'M@'@-IB 3A%DGM 3CMD '@BINM@ 'K@.A-@ 'DG@ ''@MM@BM 'FG&HG 'F@-@ '@%PIP@L '&% DG@ '3@-HGI%D 'M@-'&H@ 'I%L 'FG&HG 'F@-@ 'BJ&%P '.A-' DG@ '3AMD 'NI-D '&%' -@3AD@ 'NA-DM 'HACBL 'K@ 'HIBB@L 'GA3@ ' %L@-' MCHG 'H&-HC3MDI%H@M 'I%L '3A-@A'@-'&D 'GI'&%P 'K@@%' I%%AC%H@L 'DGID 'DG@ '@%@3J 'GIL 'K@@%'L@MH-&@L 'A..'DG@ '<IB3ID&I%'HAIMD 'G&M '@-@%&DJ 'M@@&%P 'DGID 'N-AH-IMD&%ID&A%'FIM 'N@-&BACM 'IM 'F@BB IM 'C%I'I&B&%P '-@MAB'@L 'DA 'DIO@ 'DG@ 'L@H&M&'@ 'MD@N 'F&DGACD '.I-DG@-' L@BIJR 'I%L 'A%' DG@ ',DG 'A.' IJ 'FG&HG 'FIM 'GC-ML IJ 'GI'&%P 'K&LL@%'.I-@F@BB DA 'DG@ 'NAN@ 'ID 'DG@ 'MDI&-M 'A.'DG@ 'O&IVV@DDI 'G@ '@3KI-O@L '&%' G&M 'PIBB@J ' G@ 'LAP@ 'FIM '-@IL&BJ 'L&M? D&%PC&MG@L '.-A3 'DGAM@ 'IKACD G&3'KJ 'G&M '%AKB@ '3&@%' G&M 'L&P%&.&@L 'L@NA-D3@%D 'I%L 'DG@ 'H-AF%' FG&HG '@%H&&HB@L 'G&M 'K-AFR I%L ' -AC%L 'DG@ 'FI&MD 'A.' >&I%& FIM 'P&-D 'I'MFA-L '-&HGBJ 'HGIM@L 'I%L '3AC%D@L '&%' PABL 'DG@ '@3KB@3ID&H 'I%L 'INN-AN-&ID@ 'P&.D 'A.' B@TI%L@-' G@ '&3N@-&IB MSCIL-A%' FIM 'L&MHA'@-@L 'A..' IBKA-A 'M@'@%' 3&B@M 'L&MDI%D '.-A3 'O&-I%A ' *D 'N-@M@%D@L 'I'K-AIL 'I%L '&3NAM&%P '.-A%DR I%L '&.M ''IMD 'MCN@-&A-&DJ 'A.' %C3K@-M 'FIM '@'&L@%D 'DA 'DG@ '3AMD 'C%N-IHD&M@L '@J@ ' CD 'DG@ '$@%@D&I%M 'F@-@ 'B&DDB@ '&%' DG@ 'GIK&D 'A.' HAC%D&%P 'DG@&-' .A@MR I%L 'IM 'DG@ 'F&%L 'KB@F '&%' I'.I'AC-IKB@ 'L&-@HD&A%' DG@J 'KA-@ 'LAF%' A%' DG@ 'IL'I%H&%P '.A-H@ 'F&DG 'DG@&-' FA%D@L 'GI-L&GAAL 'I%L '&3N@DCAM&DJ ' G@ '@%PIP@3@%D 'GIL 'MAA%' HA33@%H@L ' &O@ 'IBB 'HA%D@MDM '&%' FG&HG 'DG@ 'K@BB&P@-@%DM 'I-@ 'MFIJ@L 'KJ 'DG@ '.&@-H@MD 'A.' GC3I%' NIMM&A%M ' &%' FG&HG '%ID&A%IB 'I%D&NIDG&@M 'I-@ 'MD-@%PDG@%@L 'KJ 'NI-DJ 'MN&-&D 'I%L 'HA33@-H&IB -&'IB-J ' &D 'FIM 'AKMD&%ID@ 'KBAALJ 'I%L 'D@--&KB@ ' I%L 'DG@ '&MMC@ 'BA%P

-@3I&%@L' LACKD.CB' I%L' C%L@H&L@L' ADG' M&L@M' F@-@' %I? DC-IBBJ' I%T&ACM' DA' MCMDI&%' DG@&-' -@NCDID&A%' .A-' N-AF@MM' I%L' MO&BBR' %' DG@' M&L@' A.' DG@' $@%@D&I%M' 3A-@' NI-D&HC? BI-BJ' DG@-@' FIM' @'@-J' 3AD&'@' @'@-J' H&-HC3MDI%H@' @'@-J' HA%M&L@-ID&N%' FG&HG' HACBL' %@-'@' DG@' I-3' I%L' MD&3&LID@' DG@' HAC-IP@' G@J' 3&PGD' .@@B' DGID' DG@J' F@-@' .&PGD&%P' &%' I' P-@ID' I%L' GABJ' HICM@' G@' 3AMD' &3NA-DI%D' -@MCBDM' L@? N@%L@L' A%' DG@&-' @T@-D&A%M' *D' 3&PGD' IB3AMD' K@' MI&L' DGID' 'DG@' L@MD&%J' A.'*DIBJ' FIM' &%' DG@&-' GI%LM' .A-' PAAL' A-' .A-' @'&B' A-@A'@-' &%' DG@' H-&D&HIB' M&DCID&A%' &%' FG&HG' MG@' FIM' NBIH@L' I' -@'@-M@' 3&PGD' K@' .IDIB' DA' DG@' &%L@N@%L@%H@' A.' DG@&-' HA33C%@' FG&B@' '&HDA-J' F&DG' MCHG' .@I-.CB' ALLM' IPI&%MD' DG@3' HACBL' %AD' KCD' '@-J' 3CHG' @TIBD' DG@' PBA-J' A.' DG@' $@%@D&I%' %I3@' G@J' F@-@' B@L' DAA' KJ' 3@%' FGA' GIL' I' BI-P@' MDIO@' &%' DG@' MI.@DJ' I%L' F@B.I-@' A.' DG@&-' HAC%D-J' 3@%' A.' G&PG' I%L' NID-&AD&H' MN&-&DR' I%L' DG@J' F@-@' HA%MH&ACM' DGID' DG@' @J@' A.' >&I%&' I%L' DG@' -@NCKB&H' FIM' CNA%' DG@3 G@' M@I3@%' A.' 1@%AI' I%L' %HA%I' F@-@' I%&3ID@L' A%' DG@&-' NI-D' KJ' MHI-H@BJ' &%.@-&A-' @%@-PJ' I%L' @%DGCM&IM3' G@J' IBMA' GIL' I' -@NCDID&A%' DA' PI&%' A-' DA' .A-.@&DR' I%L' DG@' BIDD@-' @MN@H&IBBJ F@-@' N@-GINM' %AD' -@BCHDI%D' DA' @3K-IH@' MA' .I&-' I%' ANNA-DC%&DJ' A.' M@@O&%P' -@'@%P@' .A-' DG@' HAIB&D&A%' A.' / G@&-' @TN@HDID&A%M' GAF@'@-' F@-@' LAA3@L' DA' L&MINNA&%D3@%DR' DG@' .A-DC%@' A.' I&%D' I-O' CBD&3ID@BJ' N-@'I&B@LR' I%L' I.D@-' I' GI-LBJ' HA%D@MD@L' KIDDB@' A.' M&T' GAC-M +

≐R + '< # # ?#5! 'S 0' '?#EEO' I '/ >' '6 '* (' +# #?#LEH' D '* ?' 2 '* ! ' # ?#LGJ' / 7 '<0 # # +# # ?# EKQ # Y' & 0Ø ' / ' T ?' B ' '< ' ' ' ' ' '8 7 ' ' '4 ' ' ' ' 'B 7 'R 'B '0 0 'EG ' T 'EJOF# * 'BZ 0 '< +# :# ?#JKM' * U 0 '</, '?# JEL' 4

MCHH@MMA-M' MGIBB' '$@L' G@-' @'@-J' J@I-' A%' DG&M' LIJ' A.' DG@'
MH@%M&A%' &%' A-L@-' DGID' NAMD@-&DJ' 3IJ' O%AF' DGID' DG@' M@I'
K@BA%PM'DA' $@%&H@' KJ' DG@' -&PGD' A.' HA%SC@MD' I%L' DGIDQMG@'
&M' MCKQ@HD' .K'G@-' IM' I'K-&L@' &M' DA'G@-' GCMKI%L k' G@' LAP@'
IHH@ND@L' DG@' MJ3KABR' I%L'&%'5C%@' // ' FIM'N@-.A-3@L'
.A-' DG@' .&-MD' D&3@' DGID' FG&3M&HIB' I%L' NA3NACM' H@-@3A%I+'
KJ' FG&HG' DG@' I%%CIB' 3I--&IP@' A.' $@%&H@' F&DG' DG@' L-&ID&H'
FIM' H@B@K-ID@L' LAF%' DA' I' N@-&AL' F&DG&%' DG@' 3@3A-J' A.'
B&'&%P' 3@%' I'H@-@3A%J' FG&HG'&D' 3CMD' K@' IL3&DD@L' 3&PGD'
GI'@' K@@%' A-&P&%ID@L' F&DG' @SCIB' N-AN-&@DJ' KJ' -M@ABA'** '
%@I-' DFA' H@%DC-&@M' K@.A-@' DG@' KIDDB@' A.' IBKA-A

*%' DG@' 3@I%D&3@' DG@' 3@L&ID&A%' A.' DGA' GIL' N-A'@L'
@.&@HDCIB'R I%L' G&M' .IDG@-' FGAM@' MN&-&D' FIM' HA3NB@D@BJ'
K-AO@%' KJ' DG@' L&MIMD-ACM' -@MCBD' A.' DG@' KIDDB@' A.' IBKA-A'
IHH@L@L' I.D@-' MA3@' G@M&DID&A%'DA' DG@' MCPP@MD&A%' A.' I' HA%?
P-@MM' G&M' HA%P-@MM' FIM' IM' F@' MGIBB' M@@'@'@%DCIBBJ' G@BL'
ID' $@%&H@'R KCD' DG@' HGA&H@' .A-3@L' DG@' MCKQ@HD' A.' I' BA%P'
I%L' I%P-J' HA%D-A'@-MJ' G@' 1C@BNGM' GIL' %I3@L' ABAP%I'
O&IH@%VI' "@--I-I' A-' OILCI'R DG@' 1G&K@BB&%@M' IM' F@BB' IM'
DG@' @3N@-A-' G&3M@B.'&%M&MD@L' ID' .&-MD' A%' OI'&I' A-' ;I'@%%I'

CD' B@TI%L@-' FIM' D@3ND@L' KJ' DG@' M@HC-&DJ' A.' DG@' BIPAA%R
DG@' .-@@' HA33C%@M' -@Q@HD@L' OI'&I' I%L' ;I'@%%I' A%' DG@'
P-AC%L'DGID' DG@J' F@-@' DAA' MD-A%PBJ' IDDIHG@L' DA' DG@' N@-MA%'
A.' I-KI-AMMI'R I%L' @'@%' DG@' &3N@-&IB&MDM' IHO%AFB@LP@L'
DGID' DG@' -@H@%D' @TH@MM@M' A.' #G-&MD&I%' ID' ABAP%I' -@%L@-@L'
&D' &%@TN@L&@%D' DA' M@B@HD' DGID' H&DJ' *D' FIM' D-C@'DGID' DGh' -@?
NCKB&H' GIL' KA-%@' %AD' BA%P' M&%H@' I%' IHD&'@' I%L' HA%MN&HCACM'
NI-D' &%' DG@' M&@P@' A.' %HA%I' I%L' GIL' MA' .I&U M@@3@L' DA'
@TG&K&D' I' B@I%&%P' DAFI-L' DG@' 1G&K@BB&%@M' CD' &D' FIM' F@BB'
O%AF%' DA' @'@-J' 3I%' A.' M@%M@' I%L' L&MH@-%3@%D' DGID' &%

HAIB@MH&%Pʻ F&DGʻ DG@ʻ @3N@-A-ʻ A%ʻ DGIDʻ AHHIM&A%ʻ DG@ʻ $@%@? D&I%Mʻ F@-@ʻ %ADʻ IHDCID@Lʻ KJʻI%J3AD&'@MʻADG@-ʻDGI%ʻN-&'ID@ʻ -@'@%P@ʻ I%Lʻ HA33@-H&IBʻ Q@IBACMJʻ *Dʻ FIMʻDG@%ʻ L@.&%&? D&'@BJʻ M@DDB@Lʻ DGIDʻ DG@ʻ HA%.@-@%H@ʻ MGACBLʻ DIO@ʻ NBIH@ʻ IDʻ ;&IBDARʻ I%L DG@ʻ I3KIMMILA-ʻA.ʻ "-@L@-&Hʻ DG@ʻ #AC%Dʻ A.ʻ <@MMICʻ GI'&%Pʻ M&P%&.&@Lʻ DAʻ >&I%&ʻ DG@ʻ F&BB&%P%@MMʻ I%Lʻ L@M&-@ʻA.ʻG&Mʻ MA'@-@&P%ʻ DAʻ L&MHCMMʻ I%Lʻ-ID&.Jʻ DG@ʻD@-3Mʻ A.ʻ DG@ʻ N@IH@ʻ &%ʻ N@-MA%ʻ DG@ʻ NAN@ʻ HA%M@%D@Lʻ IMʻ Iʻ N@HCB&I-ʻ 3I-Oʻ A.ʻ.I'AC-ʻ I%Lʻ HB@3@%HJʻ DAʻ-@IL3&Dʻ G&Mʻ .IBB@%ʻ-&'IBʻ F&DG&%ʻ DG@ʻ NIB@ʻA.ʻDG@ʻ HGC-HGʻ G&Mʻ &3NA-DI%Dʻ AKMDIHB@ʻ GI'&%Pʻ K@@%ʻ-@3A'@Lʻ I%Lʻ "-@L@-&Hʻ GI'&%Pʻ IHH@ND@Lʻ I%ʻ IMMC-I%@@ʻA.ʻPAALʻ.I&DGʻA%ʻDG@ʻNI-Dʻ A.ʻDG@ʻ-@NCKB&Hʻ DG@ʻ LAP@Mʻ MA%ʻ I%Lʻ@B@'@%ʻADG@-ʻH&D&V@%M+ʻ F@-@ʻL@MNIDHG@Lʻ IMʻ .I-ʻ IMʻ 0A3NAMIʻ DAʻ 3@@Dʻ G&Mʻ IQ@MDJRʻ I%Lʻ DG@ʻ @3N@-A-ʻ GI'&%Pʻ@3KI-O@Lʻ F&DGʻDG@ʻL@NCD&@Mʻ IDʻDGIDʻ NA-Dʻ I--&'@Lʻ A%ʻ IDC-LIJʻ@'@%&%Pʻ DG@ʻ E-Lʻ5CBJʻ IDʻ I%ʻ &HABAʻ<@Bʻ &LAʻFG@-@ʻIʻHA33&MM&A%ʻA.ʻM&Tʻ HI-L&%IBMʻ FIMʻ&%ʻ IDD@%L? I%H@ʻDAʻ-@B@IM@ʻG&3ʻ.A-3IBBJʻ.-A3ʻDG@ʻNINIBʻI%IDG@3Iʻ NI-D3@%DMʻGILʻK@@%ʻN-@NI-@Lʻ.A-ʻG&3ʻIDʻDG@ʻIKK@Jʻ FG@-@ʻG@ʻNIMM@Lʻ DG@ʻ %&PGDRʻ I%Lʻ A%ʻDG@ʻ 3A-%&%Pʻ A.ʻ DG@ʻ DGʻIʻN-AH@MM&A%ʻ%ADʻC%M&3&BI-ʻDAʻDGIDʻFG&HGʻA%ʻIʻ.A-? 3@-ʻA@@IM&A%ʻ FI&D@Lʻ A%ʻ B@TI%L@-ʻHI3@ʻDAʻ @MHA-Dʻ G&Lʻ IQ@MDJʻ DAʻ I&%Dʻ I-OUMʻFG@-@ʻDG@ʻNAN@ʻMIDʻ&%ʻMDID@ʻ I--IJ@Lʻ &%ʻG&Mʻ NA%D&.&HIBʻ-AK@Mʻ I%Lʻ MC& AC%L@Lʻ KJʻDG@ʻ I3KIMMILA-Mʻ A.ʻ &H&BJʻ"-I%H@ʻI%Lʻ!%PBI%Lʻ DG@ʻ L@B@PID@Mʻ A.ʻDG@ʻ.-@@ʻH&D&@Mʻ I%Lʻ Iʻ DG-A%Pʻ A.ʻ N@@-Mʻ I%Lʻ HI-L&%IBM

≟ !%& #Aʻ9 * ǂ4 , ʻ- ** ǂ3 **ʻ(ǂ ʻ (ǂ6 ʻ- ǂ6 ʻ3 ǂ3 **ʻ9 'ǂ8 *ʻ ʻ$ ǂ A ʻ- Iǂ9 ʻ *ǂ ʻ ʻ ʻ 2ʻ2Z ʻ$" ʻ ?#OEM #

K&MGANM' I%L' I-HGK&MGANM' *D' FIM' K@JA%L' LACKD' I' P-I%L' I%L' &3NAM&%P' MN@HDIHB@R' I%L' A%@' FG&HG' FIM' HIBHCBID@L' DA' *UI&M@' &%' DG@' K-@IMDM' A.' DG@' MN@HDIDA-M' 3I%J' MD-I%P@' I%L' HA%.B&HD&%P' @3AD&A%M' @D'&.'F@' 3IJ' K@B&@'@' I' F@BB O%AF%' F-&D@-' FG&B@' DG@' P-@ID@-' NI-D' A.' DGAM@' N-@M@%D' BAAO@L' A%' MCHG' I' HA%MC33ID&A%' IM' DG@' D-&C3NG' A.' 3I%' DG@' HG&@.' IHDA-' &%' DG@' MH@%@' MAB@3%BJ' N-A%AC%H@L' &D' DA' K@' DG@' QCLP? 3@%D' A.' 1AL +' MMC3&%P' I' BAFBJ' IDD&DCL@' I-KI-AMMI' INN-AIHG@L' DG@' .AAD' A.' DG@' DG-A%@' A%' FG&HG' ; I%CH&' FIM' M@ID@L' I%L' HIMD&%P' IM&L@' G&M' NC-NB@' 3I%DB@' G@' N-AMD-ID@L' G&3M@B.' K@.A-@' DG@' NAN@' G@' MC..@-&%PM' I%L' N@-M@HCD&A%M' A.' @&PGD@@%' J@I-M' -@HC--@L' ID' DGID' 3A3@%D' DA' DG@' 3@3A-J' A.' G&M' : AB&%@MM' I%L' I' M&%H@-@' I%L' N-A.AC%L' HA%'&HD&A%' DGID' G@' FIM' DG@' &%MD-C3@%D' HGAM@%' A.' : @I'@%' DA' N-AHBI&3' DG@' N-@L@MD&%@L' D-&C3NG' A.' -&PGD' 3&PGD' GI'@' IHDCID@L' DG@' NA%D&..' IM' G@' NBI%D@L' G&M' .AAD' A%' DG@' %@HO' A.' DG@' @3N@-A-' I%L' KA--AF&%P' DG@' FA-LM' A.' <I'&L' H-&@L' GAC' MGIBD' PA' A%' DG@' B&A%' I%L' DG@' ILL@-' R' DG@' JAC%P' B&A%' I%L' DG@' L-I? PA%' MGIBD' DGAC' D-@IL' C%L@-' DGJ' .@@D k' d*D' &M' %AD' DA' DG@@' KCD' DA' I&%D' O@D@-' DGID' *' O%@@B k' 3CDD@-@L' DG@' .IBB@%' DJ? -I%D' d' ADG' DA' %Q@' I%L' DA' I&%D' O@D@-' k' &%M&MD@L' ; I%CH&' N-@MM&%P' G&M' G@@B' MD&BB' 3A-@' .&-3BJ' A%' DG@' %@HO' A.' "-@L@-&HR' I%L' MA' MAA%' IM' DG@' BIDD@-' INN@m-@L' DA' IHSC&@MH@' DG@' NAN@' -@BIT@L' G&M' GABL' I%L' MC..@-@L' G&M' IQ@MDJ' DA' -&M@ e' ' -' ' HBAM@L' DG&M' -@3I-OIKB@' H@-@3A%JR' I%L' A%' SC&D

' "B@C-J' ZT' 'N' ,[
]R ' 5 0' 7* ' ' ' ^ #' * '< #?#LJG' '
I '< #??#LH>G>Q' ' R + '< 9# #?#OK' B '<#?#LJO'
/ &'<: #??#MLH' ' #%%$ * ' ' R ' '7 / ' +# #
?#LOG' ' I '7 '- ' +# #?#ME' '. '
??#_O>H' ' 0 ' ' / ' ' '2 #MF 'OE#

D&%P' DG@' HIDG@L-IB ' DG@' @3N@-A-' G@BL' DG@' MIH-@L' MD3&&N '
I%L' IMM&MD@L' G&M' DA-3@%DA-' DA' 3AC%D ' .D@-' G&M' GC3&B&I?
D&A% ' I-KI-AMMI' N-AH@@L@L ' DG-ACPG' CMH ; &&J ' DA' 1@%AI '
FG&B@' ; I%CH& ' &%'&D@L' KJ' DG@' ; A3I%' @%ID@ ' M@D' ACD' .A-'
DG@' #IN&DAB' Z KDAK@-' //[' : @' FIM' IHHA3NI%&@L' KJ'
DG@' <AP@' >&I%& ' DGI%' FGA3' G@' 3&PGD' .@@B' DGID' .@F' F@-@'
3A-@' FA-DGJ' A.' G&M' .-&@%LMG&N' I%L' HA%.&L@%H@

A3@' G&MDA-&I%M' I..&-3' DGID ' &%' DG@' HAC-M@' A.' G&M' MDIJ' ID'
$@%&H@ ' B@TI%L@-' L@M&-ACM' A.' HA%'AJ&%P' I' L@@N' M@%M@' A.'
DG@' L@KD' A.' P-ID&DCL@ ' FG&HG' G@' AF@L' DA' DG@' -@NCKB&H ' IH '
HA-L@L' N@-3&MM&A%' DA' >&I%&' I%L' G&M' MCHH@MMA-M' DA' M@IB' DG@&-'
NCKB&H' B@DD@-M' I%L' L@MNIDHG@M' F&DG' B@IL ' &%MD@IL' A.' FIT'
IM' G@-@DA.A-@ ' I%L' DA' @3NBAJ ' A%' AHHIM&A%M' A.' H@-@3A%J '
DG@' M&BO@%' HI%ANJ ' DG@' MFA-L' A.' MDID@ ' DG@' DIN@-M ' I%L' DG@'
D-C3N@DM ' CD' F@' 3CMD' -@3I-O' DGID' DG@' #AC%D' ; &B&IM& +'
FGA' GIM' HI--&@L' G&M' -@M@I-HG@M' .I-DG@-' DGI%' I%J' ADG@-'
$@%@D&I%' F-&D@-' F&DG' FGA3' F@' I-@' IHSCI&%D@L ' I%L' FGA'
L@M@-'@M' DA' K@' HA%M&L@-@L' DG@' K@MD' ICDGA-&DJ' A%' MCHG' NA&%DM'
IM' DG@' .A-@PA&%P ' HBI&3M' I' 3CHG' G&PG@-' I%D&SC&DJ' .A-' DG@'
&%D-ALCHD&A%' A.' DG@M@' BIDD@-' CMIP@M' FG&HG ' G@' MID&M.IHDA-&BJ'
MG@FM ' GIL' K@@%' .ABBAF@L' KJ' DG@' LAP@M' A.' $@%&H@' .-A3'
D&3@' &33@3A-&IB ' @' I-@' HA%M@SC@%DBJ' B@L' DA' HA%HBCL@ '
DGID' DG@' MDA-J ' FG&HG' IMM&P%M' DG@&-' A-&P&%' DA' I' HA%H@MM&A%'
3IL@' KJ' DG@' : ABJ' @@' DA' DG@' -@NCKB&H' &%' DG@' BIDD@-' @%L'
A.' DG@' DF@B.DG' H@%DC-J ' &M' 'A&L' A.' .AC%LID&A%' R I%L ' F&DG'
-@PI-L' DA' DG@' ') 7 ' F@' 3IJ' ILL' DGID' I' NCKB&H'
HA%D-IHD' &M' N-@M@-'@L' &%' DG@' 3K-AM&I%' @L&D&A%' A.' DG@'
#G-A%&HB@' A.' Q<I%LABA ' K@I-&%P' LID@' DG@' 3A%DG' A.' 53&@

8 / ' ' / ' ' * 9 ' ' ' %' * ' 'B >'
0 ' ! +# X# ?#LFG #

1,' DA' FG&HG' IM' @TN-@MMBJ' MDID@L' KJ' C-IDA-&' FIM' I..&T@L' DG@' ' M@IB' A.'>&I%&UM' N-@L@H@MMA-' &HG&@B&'***' %ADG@-' IHD' A.' P-IH@' FG&HG' GIM' K@@%' B&O@F&M@' IMH-&K@L' DA' B@TI%L@-'*' N@-GINM' B@MM' SC@MD&A%IKB@' I%L' 3A-@' ICDG@%D&H' @' I-@' DABL' KJ' "B@C-J+=n%Á 3@I%' ICDGA-&DJ = DGID' LC-&%P' G&M' MAQA&C%' I3A%P' DG@' $@%@D&I%M' DG@' NAN@' GIL' AHHIM&A%' DA' NIJ' I' MGA-D' '&M&D' DA' DG@' H&DJ' A.'"@--I-I' FG@-@' G@' @TN@HD@L' DA' K@' &%' I' K@DD@-' NAM&D&A%' DA' IHH@B@-ID@' DG@' %@PAD&ID&A%M' .A-' N@IH@' CD' N-&A-' DA' G&M' L@NI-DC-@ &D' INN@I-M' I' G&PG' 3IMM' FIM' H@B@K-ID@L' &%' HA3NB&I%H@' F&DG' DG@' P@%@-IB' F&MG' &%' DG@' HGC-HG' A.' I&%D' I-O'Ç ;I%CH& G&3M@B.' I.D@-FI-LM' N-@IHG@L' DG@' PAMN@B' &%' ID&%' DG@' OI' D-&I-HG' A.' SC&B@&I' D-I%MBID&%P' G&M' L&MHAC-M@' &%DA' 1@-3I%' .A-' DG@' K@%@.&D' A.'"-@L@-&H' I%L' G&M' IDD@%LI%DM' I%L' ID' DG@' HBAM@' G&M' :AB&%@MM' L@MH@%L&%P'.-A3' DG@' NCBN&D' N-@M@%D@L' DA' DG@' LAP@' I' HA%M@H-ID@L' PABL@%'-oM@' FG&HG' IM' DG@' G&PG@MD' .I'AC-' DGID' DG@' NAMDAB&H' '&HI-' HACBL' K@MDAF' A%' I' D@3NA&UIB' N-&%H@' I..A-L@L' I' .BIDD@-&%P' D@MD&3A%J' A.' DG@' P-@ID' 'IBC@' G@' M@D' A%' DG@' M@-'&H@M' I%L' .-&@%LMG&N' A.' DG@' -@NCKB&H' IM' F@BB' IM' I' DAO@%' A.'G&M' N@-MA%IB' @MD@@3' .A-' @KIMD&I%A'>&I%& G@'#A%P-@MM' AD$@%&H@' FG&HG' GIL'-@MDA-@L' D-I%SC&BB&DJ' DA' A3KI-LJ' I%L' D@-3&%ID@L' DG@' FI-' A.' DG@' "IHD&A%M' GIL' DG@' @..@HD' A.' HA%HBCL&%P' I' N@IH@' A.' .&.D@@%' J@I-M' K@DF@@%' &H&BJ' I%L' DG@' @3N&-@' I%L' K@DF@@%' DG@' @3N&-@' I%L' DG@' @IPC@' I' M&T' J@I-MÚ D-CH@' FG&HG' IPI&%' KJ' '&-DC@' A.' I' M@? HA%L' HA%'@%D&A%' -ID&.&@L' KJ' "-@L@-&H' ID' #A%MDI%H@' A%' DG@' E.L' A.' 5C%@' 8E' -@MAB'@L' &DM@B.' A%' DG@' @TN&-ID&A%' A.' DGID' N@-&AL' &%DA' I' L@.&%&D&'@' D-@IDJ' A-' L&L' >&I%&' A%' G&M' NI-D' A3&D' DA' N-AHC-@' ID' DG@' MI3@' D&3@' DG@' .A-3IB' -@%@FIB

É # X # ?# JGL#

**

A.'DG@' 3@-HI%D&B@' HGI-D@-' A.' 'C%L@-' FG&HG' DG@' 3@-? HGI%DM' A.' $@%&H@' D-IL@L' A%' @IMJ' I%L' BCH-ID&'@' D@-3M' &%' DG@' NA-DM' A.' *DIBJ' I' HGI-D@-' FG&HG' GIL' BI&%' &%' I' H@-DI&%' 3@IMC-@' LA-3I%D' M&%H@' DG@' -@NCKB&H' AN@%BJ' I%%AC%H@L' G@-' L@D@-3&%ID&A%' DA' @MNACM@' DG@' HICM@' A.' DG@' 1C@BNGM' I%L' DA' MCNNA-D' DG@' N-@D@%M&A%M' A.' ; ABI%L' ; I3&H&

G@' '@%@-IKB@' LAP@' FGA' GIL' %AF' IDDI&%@L' G&M' / DG J@I-' L&L' %AD' BA%P' MC-'&'@' G&M' -@DC-%' .-A3' ; A3@'R I%L IM' &.' M@%M&KB@' A.' DG@' INN-AIHG' A.' L@IDG' G@' IKL&HID@L' A% DG@' DG' N-&B' /8' I%L' F&DGL-@F' &%DA' DG@' IKK@J' A. I%' 1&A-P&A' IPP&p-@ FG@-@' G@' IHDCIBBJ' K-@IDG@L' G&M BIMD' A%' DG@' .ABBAF&%P' LIJ+' J' DG@' F&BB' A.' >&I%&' G&M I3NB@' .A-DC%@' FIM' L&'&L@L' &%DA' %C3@-ACM' B@PIH&@M' I%L K@SC@MDM'R I%L' &% HA%.A-3&DJ' F&DG' DG@' NC-@MD' N-@H@NDM' A.' GC3I%&DJ' G@' NBIH@L' &%' DG@' GI%LM' A.' ; @%&@-A' >I%@' N-A? HC-IDA-' A.' I&%D' I-O' I' HA%M&L@-IKB@' MC3' DG@' &%D@-@MD' A.' FG&HG' FIM' DA' K@' L&MD-&KCD@L' I%%CIBBJ' &%' IB3M' DA' DG@' NAA-' I%L' &%' MN@H&IB' IBBAFI%H@M' DA' N-&MA[[@-M' A.' FI-' A-@A'@-' &%' DG@' HAC-M@' A.' G&M' 3@3A-IKB@' -@&P%' DG@' BID@' LAP@' @3CBID&%P' DG@' @TI3NB@' A.' G&M' N-@L@H@MMA-M' GIL' K@MDAF@L' I' BI-P@' MGI-@' A.' G&M' IDD@%D&A%' A%' DG@' &3? N-A'@3@%D' A.' DG@' I-HG&D@HDC-@' A.' DG@' 3@D-ANAB&MR' DG@' OBIH@' A.' I&%D' I-O' 3A-@' NI-D&HCBI-BJ' FIM' -@%L@-@L' 3A-@' MNIH&ACM' I%L' N&HDC-@MSC@' KJ' DG@' -@3A'IB' A.' 3I%J' KC&BL&%PM' FG&HG' F@-@' .IBB&%P' DA' L@HIJ' A-' FG&HG' F@-@' &%? HA%'@%&@%DBJ' M&DCID@L'R I%L' K-&LP@M' A.' 3A-@' @B@PI%D' I%L' @BIKA-ID@' HA%MD-CHD&A%' F@-@' DG-AF%' KJ' G&3' IH-AMM' DG@' HI%IBM' *%&HA%%@HD&A%' F&DG' DG@M@' NCKB&H' FA-OM' DG@' G&M

±B 0 '< +#:#? QKQ' * U 0' - : '?#5LK' * '< +#: # ?#OHK' '. $

DA-&I%M' IcCLA' I%L' <b%LABA' -@BID@' I'H&-HC3MDI%H@' FG&HG'
L@M@-'@M' DA' K@' %AD&H@L' G@' LAP@' DG@J' D@BB' CM' GI'&%P'
C%L@-DIO@%' ID' G&M' N-&'ID@' HAMD' DA' @3K@BB&MG' I%L' @%BI-P@'
I&%D' I-BIM' I%L' DG@' ;&IBDA'@TN-@MM@L' I' F&MG' I%L' &%D@%?
D&A%' DA' KC&BL' I'%@F' NIBIH#' I%L' DA' L@3AB&MG' I%' ABL' HGC-HG'
@.A-@' G@' HI--&@L' ACD' G&M' N-AQ@HD' GAF@'@-' G&M' @-@%&DJ'
DGACPGD' .&D' DA' HA%MCBD' DG@' HAC-D' A.' DG@' $ID&HI%' I%L' DG@'
NAN@' -@DC-%@L' I%MF@-' DGID' IBDGACPG' DG@' NAMDAB&H' @@'
HACBL' %AD' P&'@' &DM' MI%HD&A%' DA' DG@' HA33&MM&A%' A.' I' MIH-&?
B@P&ACM' IHD' &D' 3&PGD' @TD@%L' &DM' &%LCBP@%H@' DA' DGID' IHD'
FG@%' &D' GIL' K@@%' HA33&DD@L' G&M' FIM' MC..&H&@%D' FI-?
-I%D' G@' HGC-HG' A.' I&%D' 1@3&%&I%' FG&HG' GIL' K@@%'
.AC%L@L' &%' DG@' M&TDG' H@%DC-J' KJ' I-M@M' DG@' B&@CD@%I%D' A.'
5CMD&%&I%' I%L' FG&HG' FIM' %AF' IB3AMD' &%'-C&%M' FIM' B@'@BB@L'
F&DG' DG@' P-AC%LR' I%L' &DM' L@3AB&D&A%' PI'@' -&M@' DA' I'-@?
3I-OIKB@' HCMDA3' %' I'H@-DI&%' LIJ' &%' @IHG' MCHH@@L&%P'
J@I-' DG@' LAP@' N@-.A-3@L' I' FG&3M&HIB' N@%I%H@' .A-' DG@'
D-I%MP-@MM&A%' A.' FG&HG' >&I%&' GIL' K@@%' PC&BDJ' KJ' -@NI&-?
&%P' F&DG' I' %C3@-ACM' I%L' K-&BB&I%D' -@D&%C@' DA' DG@' SCI-@'
A.' I&%D' I-O' FG@-@' G@' FIM' 3@D' KJ' DG@' #C-W' A.' DG@' NI?
-&MG' I%L' G&M' HB@-PJ' d' &-@ k' MI&L' DG@' N-&@MD' d'*' F&MG' DA'
O%AF' FG@%' JAC-' @-@%&DJ' F&BB' K@' NB@IM@L' DA' -@MDA-@' 3J'
HGC-HG' A%' &DM' .A-3@-' M&D@^k' G@' LAP@' DGCM' HGIBB@%P@L'
&33@L&ID@BJ'-@NB&@L' d @TD' J@I-k' G&M' I%MF@-' FIM' P&'@%'
I%L' DG&M' N-A3&M@' FIM' K-AO@%' M&T' GC%L-@L' D&3@M

%' G&M' -@DC-%' .-A3' 1-@@H@' &%' /' DG@' <AP@' &'
HB&&@B&' *** ' GIL' K-ACPGD' F&DG' G&3' I3A%P' ADG@-' N-&V@M'
DG-@@' BA.DJ' HABC3%M' A.' -@L' P-I%&D@' FG&HG' &D' &M' P@%@-IBBJ'
K@B&@'@L' G@' DAAO' .-A3' H&A' LC-&%P' G&M' H-C&M@' &%' DG@' & HL&'
D@& I&&@I%' %.A-DC%ID@BJ' GAF@'@-' ID' DGID' -@3AD@' N@-&AL

B ;- " $! *#!

3IB@.IHDA-M I%L IMMIMM&%M FGA GIL K@@% HA%L@3%@L DA HIN&DIB NC%&MG3@%D MGACBL K@ @T@HCD@L DG@%@@.A-DG K@? DF@@%DG@ ;@L #ABC3%M +

% DG@ +L&HID&A% K. @KIMD&I%A >&I%& DG@ 1-@ID #AC%? H&B 3@D ID I&%D I-OUM DA L@B&K@-ID@ A% DG@ HAC-M@ DA K@ NC-MC@L &% DG@ @B@HD&A% A. G&M MCHH@MMA- @ GI'@ AKM@-'@L DGID DG@ NBI% KJ FG&HG DG@ %A3&%ID&A% A. DG@ LAP@ GIL K@@% '@MD@L &% DG@ GI%LM A. @B@'@% H&D&V@%M FIM M&3NBJ L@M&P%@L IM I% @TN@-&3@%D I%L I.D@- I M&%PB@ D-&IB &D INN@I-@L DA K@ '&@F@L F&DG P@%@-IB L&MMID&M.IHD&A% IM K@&%P DAA @THBCM&'@ I%L DAA AN@% DA HA--CND&A% *D FIM DG@-@.A-@ L@D@-3&%@L DGID DG@ MJMD@3 MGACBL K@ IPI&% IBD@-@LR I%L &D 3CMD K@ AF%@L GID DG@ %@F MHG@3@ FIM &%.&%&D@BJ 3A-@ QCL&H&ACM "AC- HA33&MM&A%@-M F@-@ %AF HGAM@% &% DG@ .&-MD &%MDI%H@ ACD A. DG@ FGAB@+B@P&MBID&'@ KALJR @IHG A. DG@M@ HA33&MM&A%@-M 3IL@ ID G&M AF% L&M? H-@D&A% D@% %A3&%ID&A%M A. N@-MA%M FGA F@-@ HA%M&L@-@L HA3N@D@%D DA L&MHGI-P@ DG@ LCD&@M A. @B@HDA-MR I%L DG&M HA%HBI'@ A. .A-DJ 3@3K@-M FGA &D 3&PGD K@ N-@MC3@L F@-@ N@-.@HDBJ HINIKB@ A. .A-3&%P I MAC%L I%L &3NI-D&IB QCLP3@%D A% DG@ NA&%D DA K@ MCK3&DD@L DA DG@3 F@-@ %AF @3NAF@-@L DA M@B@HD DG@ &%L&'&LCIB FGA 3&PGD AKDI&% DG@ MC..-IP@M A. DF@%DJ A%@ A- 3A-@ A. DG@&-% C3K@-DG@ MCH? H@MMA- A. >&I%& G@ "A-DJ AHHCN&@L I N@-&AL A. DG-@@ LIJM &% I--&'&%P ID I L@H&M&A%R DG ID L@H&M&A% FIM .AC%L DA K@ &% .I'AC- A. -&A IB&N&@-A DG@ MI3@ FGA GIL &% /E L@HB&%@L DG@ K@--@DD I A% DG@ NB@I A. C%FA-DG&%@MM % DG@ N-@M@%D AHHIM&A% GAF@'@- IB&N&@-A FIM &%LCH@L DA IHH@ND

" B ' & <? # ?# OOG D R < +# # ?# JL B <##

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DG@ʻ N-A..@-@Lʻ L&P%&DJʻR I%Lʻ A%ʻDG@ʻ /DGʻ A.ʻ N-&Bʻ DG@ʻ %@Fʻ LAP@ʻ GI'&%Pʻ DIO@%ʻ DG@ʻ HA-A%ID&A%ʻ AIDGʻ FIMʻ N-AHBI&3@Lʻ IDʻ DG@ʻ IBDI-ʻA.ʻ I&%Dʻ I-Oʻ &%ʻ DG@ʻ CMCIBʻ 3I%%@-ʻ KJʻ DG@ O-AHC-IDA-ʻ ;@%&@-Aʻ >I%@ +ʻ G@ʻ -@&P%ʻ A.ʻ IB&N&@-Aʻ FIMʻ L&MD&%PC&MG@Lʻ KJʻ DFAʻ&3NA-DI%Dʻ @'@%DMʻ ʻ DG@ʻ.&-MDʻ FIMʻ DGWʻ -@'ABDʻ A.ʻ DG@ʻ >I-@D&%@Mʻ FG&HGʻ AHHC--@Lʻ IKACDʻ DG@ʻ J@I-ʻ

8

I3N-&L&CMʻ.&-MDʻ -HGK&MGANʻ A.ʻ >I-Iʻ GI'&%Pʻ L&@Lʻ &%ʻ / ʻ DG@ʻ N-&@MDʻ !CPCK&%CMʻ FIMʻ HGAM@%ʻ DAʻ MCHH@@Lʻ G&3ʻR I%Lʻ M&%H@ʻ KJʻ Iʻ NINIBʻ KCBBʻ NCKB&MG@Lʻ MA3@ʻ J@I-Mʻ K@.A-@ʻ G&Mʻ M@@ʻ FIMʻ 3IL@ʻ I-HG&WN&MHANIBʻ A%BJʻ A%ʻ DG@ʻ HA%L&D&A%ʻ DGIDʻ &Dʻ MGACBLʻ K@HA3@ʻ MC..-IPI%ʻ DAʻ DG@ʻ 3@D-ANAB&DI%ID@ʻ A.ʻ 1-ILAʻ DG@ʻ %@Fʻ N-@BID@ʻ FIMʻ -@SC&-@L ʻ A%ʻ G&Mʻ @B@HD&A%ʻ DAʻ MCKMH-&K@ʻ DG@ʻ HCMDA3I-JʻAIDGʻ A-ʻ FIMʻ !CPCK&%CMʻ N@-? MA%IBBJʻ&%L&MNAM@Lʻ DAʻ HA3NBJʻ CDʻ G@ʻ FIMʻ A'@--CB@Lʻ KJʻ DG@ʻ N@ANB@ʻ FGAʻ GID@Lʻ DG@ʻ $@%@D&I%ʻ LA3&%ID&A%ʻ I%Lʻ GILʻ MD-A%PBJʻ ANNAM@Lʻ DG@ʻ HA%L&D&A%IBʻ &%'@MD&DC-@ʻ A.ʻ I3N-&? L&CMʻ F&DGʻ DG@ʻ NIBB&C3ʻ G@ʻ >I-@D&%@Mʻ DGACPGDʻ DGIDʻ &Dʻ FIMʻ MC..&H&@%Dʻ GC3&B&ID&A%ʻ DAʻ K@I-ʻ DG@ʻ D@3NA-IBʻ JAO@ʻ A.ʻ DG@ʻ ;&IBD&%@ʻ.&MG@-3@%ʻR I%Lʻ DG@Jʻ N@-@3NDA-&BJʻ-@.CM@Lʻ DAʻ NBIH@ DG@&-ʻ HGC-HGʻ IBMAʻ C%L@-ʻ DG@ʻ MN&-&DCIBʻ QC-&ML&HD&A%ʻ A.ʻ DG@ʻ $@%@D&I%ʻ N-&3ID@ʻ Dʻ DG@ʻ MI3@ʻ D&3@ʻ DG@Jʻ GIMD@%@Lʻ DAʻ MG&@BLʻ DG@3M@B'@Mʻ .-A3ʻ DG@ʻ H@-DI&%ʻ '@%P@I%H@ʻ A.ʻ DG@ʻ -@? NCKB&Hʻ KJʻ .A-MF@I-&%Pʻ DG@&-ʻ IBB@P&I%H@ʻ I%Lʻ&3NBA-&%Pʻ DG@ʻ NAF@-.CBʻ N-AD@HD&A%ʻ A.ʻDG@ʻ a&%Pʻ A.ʻ :C%PI-Jʻ @BIʻ*** ʻ FGAʻ GILʻ MCHH@@L@Lʻ G&Mʻ K-ADG@-ʻ D@NG@%ʻ &%ʻ /Eʻ B@%Dʻ Iʻ F&BB&%Pʻ @I-ʻ DAʻ +DG@&-ʻ N-@MM&%Pʻ MAB&H&DID&A%MRʻ >I-Iʻ FIMʻ .A-D&? .&@Lʻ '&HDCIBB@Lʻ I%Lʻ PI--&MA%@Lʻ Dʻ G&Mʻ @TN@%M@ʻR I%Lʻ M&%H@ʻ &Dʻ FIMʻ %ADʻDAʻ K@ʻ M&DNNAM@Lʻ DGIDʻ DG@ʻ $@%@D&I%Mʻ FACBLʻ DI3@BJ

[8 / (: * _ ; " $! *#! /

MCK3&D DA DG@ BAMM A. DG@&- L@N@%L@%HJ I BI-P@ : C%PI-&I% .A-H@ FIM L@MNIDHG@L DA < IB3 ID&I DA O@@N &% HG@HO I%J D-AANM FG&HG DG@&- PA '@-%3@%D 3&PGD @3NBAJ &% DG@ ID? D@3ND DA -@HA '@- DG@ NBIH@ + G@ >I-@D&%@M I%L DG@&- IBBJ GAF@ '@- F@-@ B@L .A- MA3@ D&3@ DA &3IP&%@ DGID DG@JGIL .A-3@L DAA G&PG I% @MD&3ID@ A. DG@ NCKB&H MN&-&D A. $@%&H@ "A- DGID HA33A%F@IBDG IPI&% &% 'AB '@L &% .&%I%H&IB @3KI-? -IMM3@%DM BA%P -@.-I&%@L .-A3 ILAND&%P I%J 3@IMC-@M A. I% IHD&'@ A- GAMD&B@ HGI-IHD@-R I%L &D FIM A%BJ &% DG@ 3A%DG A. HDAK@- 8/ DGID DG@ PA '@-%3@%D FIM I&ACM@L .-A3 &DM B@DGI-PJ I%L DGID DG@ M@%M@ A. DG@ @P&MBIDC-@ FIM DIO@% A% DG@ SC@MD&A% A. HA%D-IHD&%P I .-@MG BAI% G@ MHG@3@ FIM INN-A '@L KJ DG@ 1-@ID #AC%H&BR &D FIM L@? H&L@L DGID A% DG@ N-@M@%D AHHIM&A% DG@ BAI% MGACBL K@ + 'ABC%DI-JR I%L DG@ MCKMH-&K@-M F@-@ &%.A-3@L L GID DG@J FACBL -@H@&'@ IM I M@HC-&DJ .A- DG@ -@NIJ3@%D I 3A-DPIP@ .A- I D@-3 A. DF@B'@ J@I-M A% DG@ N-ALCH@ A. DG@ MIBD N&DM I%L A% DG@ I%%CIB D-&KCD@ A.) F&DG FB&&HG DG@ GACM@ A. A-AM&%& GIL &% 8 NC-HGIM@L &% .&@. DG@ &MBI%LM A. MM@-A I%L #G@-MA + G@ I3AC%D -@IB&V@L FIM M&TD@@% DGACMI%L DG-@@ GC%L-@L I%L M&TDJ A- Z&% AC- 3A%@J[%@I-BJ GIB. I 3&BB&A% MD@-B&%P &DG DG&M M@IMA%? IKB@ I&L DG@ $@%@D&I% PA '@-%3@%D ID A%H@ N-@NI-@L DA HA33@%H@ GAMD&B&D&@MR I%L I .B@@D C%L@-DG@ N@-MA%IB A-L@-M

= 7; * < 0 # # +# # ?# LGQ $ B 0 < +# :# ?# JEE #

* U 0 * ?# OLM < ?# ELF # ?? @ + 0 4 0 # EEEH FKK / 0 HLK I JOK LKK B 0 EOK I LOK B LO` LKK# +& JFMH $

A. IB&N&@-A B@.D $@%&H@.A-<IB3ID&I DAFI-L DG@ HBAM@A.
A'@3K@- G@ M&@P@A.>I-I GAF@'@- FG&HG GIL K@@%
MA BA%P L@.@--@L I%L .A- FG&HG DG@ -@NCKB&H GIL DGACPGD
&D F@BB FA-DG G@- FG&B@ ILL DA DG@ L@KD A. DG@ %ID&A%
N-A'@L &% DG@ @'@%D I DADIB .I&BC-@ CD &D FIM I .I&BC-@
FG&HG HACBL GI-LBJ K@MI&L DA -@.B@HD L&MH-@L&D A% DG@ LAP@
M&%H@ @'@% K@.A-@ DG@ C%&D@L @..A-DM A. G@- &%GIK&DI%DM I%L
DG@ :C%PI-&I% @%P&%@@-M -@%L@-@L G@- IB3AMD&3N-@P%IKB@
>I-I GIL K@@% IHHAC%D@L DG@ MD-A%P@MD.A-D-@MM &% DG@$@%@
D&I% D@--&DA-&@M :@- PI--&MA FG&HG FIM BI-P@BJ HA3NAM@L
A.;AJIB D-AANM FIM %C3@-ACM F@BB I-3@L I%L F@BB L&M?
H&NB&%@LR DG@ MDCN@%LACM IBD&DCL@ A. G@- DAF@-M I%L DG@
3IMM&'@ DG&HO%@MM A. G@- -I3NI-DM M@@3@L DA L@.J @'@-J
@%P&%@ I%L KIDD@-J FG&HG HACBL K@K-ACPGD IPI&%MD DG@3R
I%L DG@ AHHCNID&A% A. G@- MCKC-KM I%L @%'&-A%M KJ DG@
.A-H@M A. @BI FG&B@ &D N-@HBCL@L G&M @-@%&DJ .-A3 H-@?
ID&%P I L&'@-M&A% A- .-A3 @TD@%L&%P G&M B&%@A. AN@-ID&A%M
I..A-L@L DG@ K@M&@P@L DG@ 3@I%M A. N-AHC-&%P I HA%MDI%D
MCNNBJ A. MDA-@M I%L N-A'&M&A%M D DG@ MI3@ D&3@ DG@
'I&% I%L -@N@ID@L IDD@3NDM A. DG@ K@M&@P@-M DA PI&% I%
@%D-I%H@ &%DA DG@ NBIH@ F@-@ IDD@%L@L KJ 3CHG KBAALMG@L
I%L M@'@-@ BAMM A. B&.@R I%L BID@ &% DG@ ICDC3% A. 88
IB&N&@-A L@H&L@L A% F&DGL-IF&%P .-A3 I HA%D@MD MA &%?
PBA-&ACM I%L MA C%N-A.&DIKB@ G@-@ FIM B&DDB@ LACKD DG ID
DG@ -@IB P-AC%L .A- DG&M H@MMID&A% A- ID B@IMD MCMN@%M&A%
A. GAMD&B&D&@M FRI+ DG@ &%IK&B&DJ A. DG@ -@NCKB&H C%L@- N-@?
M@%D H&-HC3MDI%H@M DA IHHA3NB&MG DG@ AKQ@HD FG&HG MG@
GIL &% '&@FR KCD &D 3CMD K@ O%AF% DG ID G@- AMD@%M&KB@
3AD&'@ &% DIO&%P MCHG I HAC-M@ FIM G@- I%T&@DJ DA K@I- I
I NI-D &% I %@F @TN@L&D&A% FG&HG FIM ID N-@M@%D HA%D@%B
NBID@L DA DG@ :ABJ I%L

G@ MCHH@MM@M A. DG@ ! 3&- IBIL&% GIL %AF BA%P K@@%
L@@3@L I MHI%LIB DA #G-&MD@%LA3 R DG@ FGAB@ A. OIB@MD&%@
FIM DG-@ID@%@L KJ DG@ 3&MK@B&@'@-M R I%L DG@ NAMDAB&H
@@ IBI-3 L KJ DG@ PBAA3J N-AMN@HD I%L %@'@- F@I-J A.
N-@IHG&%P I HICM@ A. FB&&HG &D FIM DG@ P-@ID MN&-&DCIB &%
MD&G&-I@%D K@PI% &% DG@ BIDD@- J@I-M A. DG@ DF@B.DG H@%DC-J
DA @TGA-D DG@ N-&%H@M A. !C-AN@ DA QA&% &% I .-@MG H-CMIL@
IPI&%MD DG@ IGA33@LI% NAF@- G@ @T@-D&A%M A. G&M
:AB&%@MM F@-@ %AD C%MCHH@MM.CB "-I%H@ !%PBI%L C?
MD-&I ITA%J I%L : C%PI-J N-A3&M@L DA .A-3 I-3&@M R
$@%&H@ 1@%AI O&MI %HA%I I%L ADG@- 3I-&D&3@ DID@M
IP-@@L DA .C-%&MG D-I%MNA-DM IM F@BB IM %I'IB I-3I3@%DM
CD M&%H@ N@IH@ I%L GI-3A%J F@-@ DFA 3ID@-&IB @B@3@%DM
A. MCHH@MM I%L M&%H@ !%PBI%L FIM ID FI- F&DG "-I%H@
$@%&H@ F&DG : C%PI-J DG@ .&-MD HI-@ A. #B@3@%B& : * FIM
DA N-ANAM@ I'-@HA%H&B&ID&A%' K@DF@@%' ; &HGI-L' #qC- L@ &A%'
I%L OG&B&N CPCMDCM I%L I D-CH@ ID B@IMD K@DF@@%' @BI
I%L DG@-@NCKB&H *%' KADG &%MDI%H@M G&M &%D@-NAM&D&A%' FIM
@..@HDCIB *%' DG@ ICDC3%' A. 88 IB&N&@-A -I&M@L DG@
M&@P@ A. >I-I R DG@ -@3I&%L@- A. DGID J@I- FIM AHHCN&@L
&%' N-@NI-ID&A%M .A- DG@%@F HI3NI&P%&%' DG@ ! IMD <C-&%P
DG@ : C%PI-&I%' FI- MCHG I N-@HICD&A%' GIL %AD K@@%' HA%?
M&L@-@L %@H@MMI-J R KCD I 3@MMIP@ A. DG@ 3AMD N@-@3NDA-J
HGI-IHD@- FIM %AF M@%D IM &D GIL K@@%' A%' I .A-I&@- AHHI?
M&A% DA IBB D-IL@-M &% .A-@&P% NA-DM -@SC&-&%P DG@3 DA
-@DC-%' DA $@%&H@ &33@L&ID@BJ +' &%' A-L@- DGID DG@&- '@MM@BM
3&PGD K@D@3NA-I-&BJ NBIH@L ID DG@ L&MNAMIB A. DB&@ PA'@-%?
3@%D G@ @T@HCD&A%' A. DG&M 3@IMC-@ FG&HG FIM N-A

= B 0 <9%: #?# JEJ * - ?#OLG * + < +# #
?# EKF # < +# #?# KJ

KIKBJ ILAND@L F&DG I '&@F DA DG@ .A-3ID&A% A. I %I 'IB -@M@-'@ &%'AB'@L HA%M&L@-IKB@ L@BIJR I%L &D FIM %AD D&BB DG@ MC33@- A. 8 DGID DG@ .B@@D HA331%L@L KJ DG@ LAP@ &% N@-MA% B@.D DG@ NA-DM A.DG@ BIPAA% @I- DG@ 3ACDG A.DG@ 1CB.A. L-&I IB&N&@-A @.&@HD@L I QC%HD&A% F&DG DG@ O&MI% I-3I3@%D KAC%L .A-DG@ MI3@ L@MD&%ID&A%

G@ M&@P@ A. I&%D 5@I% LU H-@ DA FG&HG DG@ HA%.@L@? -ID@M GIL L&-@HD@L DG@&- @..A-DM FIM .A-3@L A% DG@ 8DG A. CPCMD 8 DG@ LIJ A. I&%D CPCMD&%R DG@ D-AANM A. 1CJ L@ CM&P%I% a&%P A. 5@-CMIB@3 &%'@MD@L DG@ NBIH@ KJ BI%L FG&B@ DG@ IBB&@L .A-H@M A.DG@ O&MI%M I%L $@%@D&I%M I.&K-L@L 3I-&D&3@ HA AN@-ID&A% @D IBDGACPG DG@ K@M&@P@-M .I-MC-NIMM@L DG@ K@M&@P@L &%-@MAC-H@M I%L %C3@-&HIB MD-@%PDG H-@ FIM -@MABCD@BJ G@BL IPI&%MD DG@3 D&BB DG@ 3A%DG A. CPCMD R I%L GIL %AD IBIL&%K@@% N-@HBCL@L KJ C%.A-@M@@% HICM@M .-A3 -@%L@-&%P G@- DG@ N-A3&M@L -@B&@.DG@ #G-&MD&I%M &D &M N-AKIKB@ FACBL %@'@- GI'@ PI&%@L I% @%D-I%H@ &%DA DG@ DAF% G@&- DI-LJ I%L &%PBA-&ACM MCHH@MM GAF@'@- FIM L@I-BJ FA% ID DG@ N-&H@ A. DG@&- KBAALR &.D DG@ HAC-M@ A. DG@ AN@-ID&A%M FG&HG &D F&BB K@ M@@% @TD@%L@L A'@- I N@-&AL A. DFA J@I-M %@I- , N&BP-&3M N@-&MG@L KJ GC%P@- N@MD&B@%H@ I%L DG@ MFA-L I%L FG&B@ DG@ 3@-HI%D&B@ HA33C%&DJ PBILBJ -@HA'@-@L DG@&- SCI-D@- I%L DG@&- D-IL&%P N-&'&B@P@M DG@ -@NCKB&H GIL -@IMA% DA BI3@%D DG@ BAMM A. 3I%J A. G@- HG&BL-@% FGA GIL .IBB@% K@.A-@ DG@ FIBBM A. I&%D 5@I% LU H-@

@GI'@ %AF MNAO@% A. DG@ M&@P@ A. >I-I &% 'r/ I%L A. DGID A. H-@ &% 8 G@ A%BJ ADG@- @'@%D FG&HG &M 3@%D&A%@L IM GI'&%P DIO@% NBIH@ LC-&%P DG@ IL3&%&MD-I

I 0< # +# ##

HGA&H@ʻ A.ʻ D@%ʻ H&D&V@%Mʻ &%ʻ FGAM@ʻ QCLP3@%Dʻ I%Lʻ @TN@-&@%H@ʻ G@ʻ GILʻ -@IMA%ʻ DAʻ NBIH@ʻ @%D&-@ʻ HA%.&L@%H@ʻR I%Lʻ A%ʻ DG@ʻ MDʻ 5I%CI-Jʻ ʻ DG@ʻ "A-DJʻ N-A%AC%H@Lʻ I%ʻ C%I%&3ACMʻ L@? H&M&A%ʻ &%ʻ .I'AC-ʻ A.ʻ A%@ʻ A.ʻ DG@&-ʻ AF%ʻ @B@HDA-Mʻ --&PAʻ<I%? LABAʻ A.ʻ I%ʻ CHIʻ DG@ʻ MI3@ʻ FGAʻ GILʻ IHHA3NI%&@Lʻ O&@D-Aʻ "AMHI-&%&ʻ DAʻ "@--I-Iʻ &%ʻ 88ʻ I%Lʻ GILʻ K@@%ʻ M@%D+ʻ M@'@-IBʻ J@I-Mʻ K@.A-@ʻ KJʻ DG@ʻ<AP@ʻ &HG&@B&ʻ A%ʻ Iʻ L&NBA3ID&Hʻ 3&M? M&A%ʻ DAʻ #A%MDI%D&%ANB@ʻ -@MN@HD&%Pʻ DG@ʻ I..I&-Mʻ A.ʻ DG@ʻ -@ʻ NCKGHʻ &%ʻ 1-@@H@ʻ <I%LABAʻ GILʻ %AFʻ IDDI&%@Lʻ DG@ʻ P-@IDʻ IP@ʻ A.ʻ @&PGDJ .AC-ʻ I%Lʻ C%L@-ʻ A-L&%I-Jʻ H&-HC3MDI%H@Mʻ &Dʻ 3&PGDʻ GI'@ʻ M@@3@Lʻ DGIDʻ DG@ʻ F@&PGDʻ A.ʻ J@I-Mʻ GI-LBJʻ I..A-L? @Lʻ Iʻ N-AKIK&B&DJʻ A.ʻ DG@ʻ N-AN@-ʻ L&MHGI-P@ʻ A.ʻ DG@ʻ I-LCACMʻ .C%HD&A%Mʻ A.ʻDG@ʻ LCHIBʻ A..&H@ʻ @Dʻ G&Mʻ @3&%@%DʻDIB@%D YDI%Lʻ DG@ʻ G&+Gʻ HGI-IHD@-ʻ FG&HGʻ G@ʻ KA-@ʻ &%ʻ DG@ʻ HA33C%@ʻ .A-R N-CL@%H@ʻ I%Lʻ MIPIH&DJʻ NBIH@Lʻ G&3ʻ .I-ʻ IKA'@ʻ IBBʻ ADG@-ʻ HA3N@D&DA-Mʻ I%Lʻ INN@I-@Lʻ IB3AMDʻ DAʻ O@@Nʻ DG@ʻ HA%M&L@-I? D&A%ʻ A.ʻ IP@ʻ ACDʻ A.ʻ '&@Fʻ G@ʻ @J@M&PGDʻ A.ʻ<I%LABAʻ FIMʻ &3NI&-@Lʻ I%Lʻ G&Mʻ HAC%D@%I%H@ʻ FIMʻ MB&PGDBJʻ L&M.&PC-@Lʻ KJʻ ʻ I%ʻ &%QC-Jʻ FG&HGʻ DG@ʻ '&MCIBʻ %@-'@ʻ GILʻ MCMDI&%@Lʻ .-A3ʻ Iʻ HIMCIBDJʻ &%ʻ @I-B&@-ʻ B&.@ʻ KCDʻ &%ʻ ADG@-ʻ -@MN@HDMʻ DG@ʻ GI-LJʻ %A%IP@%I-&I%ʻN-@M@-'@Lʻ &%ʻ I%ʻ C%CMCIBʻ L@P-@@ʻ DG@ʻ .&-@ʻ I%Lʻ '&PAC-ʻ A.ʻ 3IDC-@ʻ 3I%GAAL

*%ʻ DGhʻ HAC-M@ʻ A.ʻ DG@ʻ N-@M@%Dʻ FA-Oʻ F@ʻ GI'@ʻ GILʻ 3A-@ʻ DGI%ʻ A%@ʻ AHHIM&A%ʻ DAʻ -@.@-ʻ DAʻ DG@ʻ LCHIBʻ ʻ DGIDʻ &Mʻ DG@ʻ AIDGʻ FG&HGʻ FIMʻ IL3&%&MD@-@Lʻ DAʻ DG@ʻ LAP@ʻ A%ʻ G&Mʻ IHH@MM&A%ʻ DAʻ DG@ʻ DG-A%@ʻ @Dʻ AF&%Pʻ IMʻ F@ʻ INN-@G@%Lʻ DA

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'DG@' .-@SC@%D' I%L' BI3@%DIKB@' L@MD-CHD&A%' A.' DG@' $@%@D&I%'
I-HG&'@M' KJ .&-@' F@' GI'@' K@@%' G&DG@-DA' N-@HBCL@L'.-A3'
I..A-L&%P'I%+'@TIHD'&%.A-3ID&A%'IM'DA'DG@'HA%L&D&A%M'FG&HG'
DG@'O-A3&MM&A%@'&%'AB'@L'A-'DG@'AKB&PID&A%M'FG&HG'&D'&3?
NAM@L'A%'DG@'HG&@.'3IP&MD-ID@'A.'DG@'-@NCKB&H' "A-DC?
%ID@BJ'GAF@'@-'DG@'AIDG'DIO@%'KJ'DG@'MCHH@MMA-'A.' -&'
IB&N&@-A'GIM'K@@%'N-@M@-'@LR'I%L'&DM'N-@M@-'ID&A%'&M'DG@
'3A-@'&3NA-DI%D'DGID'&D'FIM'N-AKIKBJ'M&3&BI-L%'IB'@MM@%?
D&IB'-@MN@HDM'DA'DGID'MCKMH-&K@L'KJ'DG@'<AP@' @KIMD&I%A'
>&I%&'I.D@-'DG@'-@'ABCD&A%'A.' /E' J'DG&M'&%MD-C3@%D'
DG@'@%@-IKB@'<b%LABA'FIM'KAC%L'DA'AKM@-'@'I%L'3I&%?
DI&%'DG@'@T&MD&%P'HA%MD&DCD&A%R'DA'HA%MCBD'&%'@'@-J'&%?
MDI%H@'DG@'GA%AC-'I%L'IL'I%DIP@'A.'DG@'HA33C%@R'DA'
K@'N-A3ND'&%'-@%L@-&%P'QCMD&H@'&3NI-D&IB'&%'L&MN@%M&%P'
&DR'DA'HI--J'DG@'BIFM'&%DA'@T@HCD&A%'F&DGACD'P&'&%P'DG@3'
I'.IBM@'A-'I-K&D-I-J'&%D@-N-@DID&A%' %AD'DA'L&MNAM@'A.'DG@'
* 'N-AN@-DJ'F&DGACD'DG@'HAP%&VI%H@'I%L'HA%M@%D'A.'
DG@' @P&MBIDC-@'IM'F@BB'IM'A.'DG@'O-&'J'#AC%H&BR'DA' '
MD-&HDBJ'PA'@-%@L'&%'N-A%AC%H&%P'QCL&H&IB'M@%D@%H@M'I%L'
L@H&M&A%M'KJ'N-@H@L@%D'I%L'@MDIKB&MG@L'CMIP@'A-'.I&B&%P'
DGAM@'KJ'G&M'AF%'QCLP3@%D'A-'HA%MH&@%H@R'I%L'DA'ILG@-@'
HBAM@BJ'&%'DG@'INNA&%D3@%D'A.'NID-&I-HGM'K&MGANM'QCLP@M'
A.'DG@'HA33C%@'QCLP@M'A.'DG@'NIBIH@'%ADI-&@M'I%L'ADG@-'
NCKB&H'.C%HD&A%I-&@M'DA'DG@'.A-3'I%L'3AL@'A.'@B@HD&A%'
N-@MH-&K@L'I%L'-@HAP%&M@L'&%'@IHG'&%MDI%H@' :@'FIM'
KAC%L'DA'IKMDI&%'.-A3'M@%L&%P'B@DD@-M'A-'L@MNIDHG@M'DA'
DG@'OAF@-M'F&DGACD'DG@'IL'&H@'I%L'HA%M@%D'A.'G&M'O-&'J'
#AC%H&B'I%L'%AD'DA'L&'CBP@'DG@'M@H-@DM'FG&HG'3&PGD'ID'
I%J'D&3@'K@'@%D-CMD@L'DA'G&M'O@@N&%P 'A-@A'@-'@T?
HBCM&'@BJ'A.'H@-DI&%'3&%A-'NA&%DM'A%'FG&HG'F@'LA'%AD'.@@B

8#B# (:* ; ' '" $! *#!'

F@-@ %AD IHDCIBBJ HA33&DD@L C%L@- &DM MI%HD&A% &D FIM HAP%&VI%D S. DG@&- HA33&MM&A%R I%L <I%LABA NBI&%BJ &%? D&3ID@L DG-ACPG G&M L@NCDJ DGID C%B@MM I3NB@ -@NI-I? D&A% FIM 3IL@ .A- DG@ NIMD I%L I PCI& I%D@@ FIM P&'@% .A- DG@ .CDC-@ DG@ -@BID&A%M K@DF@@% DG@ DFA HA33C%@M 3CMD K@ HA%M&L@-@L IM K-AO@% A. G@ G&PG P-AC%L FG&HG FIM DGCM DIO@% KJ DG@ $@%@D&I% PA'@-%3@%D I%L DG@ .&-3 DA%@ A. DG@ LAP@ GIL DG@ L@M&-@L @..@HD A. K-&%P? &%P DG@ 3IDD@- DA I MN@@LJ I%L MID&M.IHDA-J D@-3&%ID&A% *D FIM %AD A%BJ DGID DG@ $@-A%@M@ F@-@ -@BCHDI%D DA .A-@PA DG@ IL'I%DIP@M FG&HG DG@J L@-&'@L .-A3 DG@&- HA33@-H&IB &%D@-HAC-M@ F&DG DG@ -@NCKB&H KCD DG@J INN-@G@%L@L DGID &% DG@ @'@%D A. G@- -@3A%MD-I%H@ 3@@D&%P F&DG I% C%.I? 'AC-IKB@ -@H@ND&A% DG@ BIDD@- HA%D@3NBID@L IM I% CBD@-&A- 3@IMC-@ I% INN@IB DA I-3MR I%L &D FIM .I- &%L@@L .-A3 K@&%P DG@&- F&MG DGID DG&%PM MGACBL -@IHG DGI&@TD-@3&DJ D-@IDJ FIM IHHA-L&%PBJ HA%HBCL@L KJ FG&HG DG@ #AC%H&B @%PIP@L DA NIJ I% &%L@3%&DJ A. D@% DGACMI%L I%L DA -@.-I&% &% .CDC-@ .-A3 A..@-&%P I%J 3AB@MDID&A% DA DG@ HA33@-H@ I%L %I'&PID&A% A. DG@ -@NCKB&H A% DG@ -&'@- L&P@ A-@A'@- &D N-A3&M@L DA L-IF &DM @%D&-@ MCNNBJ A. MIBD .-A3 DG@ $@%@D&I% 3I-O@D I%L DA -@LCH@ DG@ DI-&.. A% $@%@D&I% &3NA-DID&A%M &%DA DG@ H&DJ I%L HA33C%@ A. $@-A%I

G@ D@-3&%ID&A% A. DG@ D-CH@ F&DG @BI FG&HG GIL 3@-@BJ @3K-IH@L I D@-3 A. DFA J@I-M Z 88 [PI'@ -&M@ DA I %IDC-IB F&MG A% DG@ NI-D A. DG@ $@%@D&I% PA'@-%? 3@%D DA -@HA'@- NAMM@MM&A% A. DG@ .A-D-@MM A. >I-IR FG&HG MD&BB ILG@-@L F&DGACD K@BA%P&%P &% -&PGD DA DG@ H-AF% A. :C%PI-JR I%L &% E I MSCIL-A% FIM M@%D DG&DG@- .A-

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DG@ NC-NAM@ C%L@-DG@ HA33I%L A.<A3@%&PA &HG&@B& CD IBDGACPG DG@ -@NCKB&H GIL MC..@-@L MA3@ J@I-M DA @BINM@ M&%H@ DG@ @TN&-ID&A% A.DG@ I-3&MD&H@ I%L MG@ GIL GIL IM &D 3&PGD M@@3 .CB B@&MC-@ DA A-PI%&V.D I NAF@-.CB .B@@D DG@ @JN@L&D&A% C%L@- &HG&@B& FIM I .I&BC-@R I%L DGID -@.-IHDA-J .&@. HA%D&%C@L &% I MDID@ A. &%L@N@%L@%H@ D&BB DAFI-L DG@ HBAM@ A.

G@ HA%D-IHD FG&HG GIL K@@% HA%HBCL@L &% DG@ D&3@ A.DG@ <AP@ >&I%& K@DF@@% DG@ -@NCKB&HM A.$@%&H@ I%L O&MI L&L %AD @TN&-@ D&BB DG@ 3A%DG A. @ND@3K@- 8 R &% DG@ .ABBAF&%P J@I-FIM NCKB&MG@L DG@ G&-L #-CMIL@R I%L DGID L&MIMD-ACM C%L@-DIO&%P AHHCN&@L DG@ IDD@%D&A% FG&B@ &D N-ABA%P@L DG@ IBB&I%H@ A.DG@ DFA HA33C%@M D&BB DG@ CPCMD A. *% DG@ @I-BJ NI-D A. GAF@'@- I%L MGA-DBJ I.D@-DG@ -@DC-% A.DG@ N&BP-&3M DA !3 AN@ &D FIM MCLL@%BJ I%%AC%H@L ID ;&IBDA DGID I O&MI% MSCIL-A% GIL MI&B@L CN DG@ PCB. I%L DIO@% NAMM@MM&A% A.OABI I $@%@D&I% .&@. A% DG@ HAIMD A.<IB3ID&I G@ $@%@D&I% PA'@-%3@%D &%L&P%I%D ID DG@ ACD-IP@ GIMD@%@L DA HA%H@-D 3@IMC-@M .A-DG@ -@HA'@-J A.DG@ NBIH@R I%L &% NC-MCI%H@ A.DG@ &%MD-CHD&A%M FG&HG DG@J -@H@&'@L .-A3 DG@ LAP@ ;CPP&@-A O-@3I-&%A I%L 1&A'I%%& A-AM&%& ID A%H@ N-A? H@@L@L F&DG I .B@@D A.M&TD@@% MI&B &% SC@MD A.DG@ @%@3J CD DG@ BIDD@- FI-%@L A.DG@&- INN-AIHG I%L I%T&ACM &D FACBL M@@3 DA I'A&L I% @%PIP@3@%D N@IH@IKBJ@'IHCID@L DG@ NA-D I%L IKI%LA%@L DG@ @%D@-N-&M@R I%L DG@ $@%@D&I% HA33I%L@-M GI'&NP @TIHD@L I .-@MG AIDG A. .&L@B&DJ .-A3 OABI I%L -IV@L I NA-D&A% A. DG@ .A-D&.&HID&A%M NC-MC@L DG@&- HAC-M@ IBA%P DG@ MGA-@M A.DG@ @L&D@--I%@I% C%D&B DG@J -@IHG@L DG@ &MBI%L A. ALA% &% DG@ A-@I A..FG&HG

DG@J HINDC-@L IM DG@J GIL NI-DBJ @TN@HD@L M&T O&MI% I-PAM&@M BI+@% F&DG -&HG 3@-HGI%L&M@ G&M M@&VC-@ FIM F@BB HIBHCBID@L DA .A3@%D I%L @3K&DD@- DG@ I%&3AM&DJ FG&HG IB-@ILJ @T&MD@L K@DF@@% DG@ DFA -@NCKB&HMR I%L &%L@@L I FI- FACBL %LACKD@LBJ GI'@ K@@% DG@ HA%M@? SC@%H@ GIL %AD DG@ OBABJ @@ &%D@-NAM@L &DM ICDGA-&DJ I%L IMMC3&%P DG@ K@HA3&%P A..&H@ A. 3@L&IDA- N-@'I&B@L A% DG@ O&MI% I%L $@%@D&I% PA'@-%3@%DM DA HA%M@%D DA I H@MMID&A% A.GAMD&B&D&@M *D FIM @'&L@%D GAF@'@- DG IDDG@ FUAC%L GIL K@@% &BB HBAM@LR &D K-AO@ ACD I.-@MG I.@F J@I-M BID@- DG@ &33@L&ID@ NA&%D A. L&..@-@%H@ K@&%P DG@ .-@@ %I'&PID&A% A.DG@ L-&ID&H FG&HG KADG -@.CM@L DA J&@BL A- IL3&DR I%L A% DG&M AHHIM&A% DG@ O&MI%M DGACPGD DA @%MC-@ 3A-@ HA3NB@D@ MCHH@MM KJ @%D@-&%P &%DA I B@IPC@ F&DG DG@ ANCB@%D I%L NAF@-.CB H&DJ A. -&%L&M& DG@ I%H&@%D &C%LC M&C-I B&D DG@ IBB&@M F@-@ DADIBBJ L@.@ID@L &% I% @%PIP@? 3@%D FG&HG DAAO NBIH@ ID A-%@I-DG@ 3ACDG A.DG@ PCB.&% R I%L DG@$@%@D&I% HA33I%L@-M 1&A'I%%& IM@&A I%L A33IMA "IB&@-A MGIN@L DG@&- HAC-M@ I.D@- DG@ IHD&A% .A- -&%L&M& +FG&HG FIM .A-H@L DA 3IO@ M@'@-@ IDA%@3@%D .A- DG@ NI-D FG&HG MG@ GIL KA-%@ F&DGACD DG@ MB&PGD@MD IN 2NI-@%D N-A'AHID&A% IPI&%MD DG@ -@NCKB&H

% DG@ L@3&M@ A. G&M : AB&%@MM #@B@MD&% *** &% / DG@ !B@HDA-IB #ABB@P@ GIL %I3@L IM G&M MCHH@MMA- DG@ #AC%D A. &PCI I ; A3I% NID-&H&I%R DG@ %@F $&HI- FGA GIL A%BJ IDDI&%@L G&M DG&-DJ M@'@%DG J@I- IMMC3@L DG@ NA%D&.&HIB L@M&P%ID&A% A.*%%AH@%D *** G@ @%@-P@D&H I%L I3K&D&ACM

G 2 7 , * /=:Y 2 Z 7* * @ /:Y] 7 5 * >=/:Y 2 7 *' @:Y 7 *'>/ :Y 9 7 , * > :Y 1 ' 7 * @D:

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HGI-IHD@-' A.' DG@' #AC%D' A.' &PCI ' I%L' G&M' IHH@MM&A%' DA' DG@' HGI&-' A.' I&%D' O@D@-' FG&B@' G@' MD&BB' @%QAJ@L' DG@' .CBB' '&PAC-' A.' 3I%GAAL' %IDC-IBBJ' B@L' 3@%' DA' ICPC-' I' MN@@LJ' -@'&'IB' A.' DGID' P-@ID' MD-CPPB@' FG&HG' GIL' -@MCBD@L kDF@CDJ' J@I-M' K@.A-@'&%' DG@' D-&C3NG' A.' DG@' #GC-HG' A'@-' DG@' DID@' G@J' @'@%' .A-@DABL' DGID' DG@' .CDC-@' A.' *%%AH@%D' FAQBL' K@' 3A-@ N-AMN@-ACM' DGI%' DGID' A.' DG@' &BBCMD-&ACM' ; I%CH&' *%' .IHD' LC-&%P' DG@' .&-MD' J@I-M' A.' G&M' -@&P%' G@' -@%L@-@L' MCKM@-'&@%D' DA' G&M' F&BB' DG@' N-&%H@M' FGA' FA-@' DG@' H-AF%M' A.' !%PBI%L' O-I%H@' <@%3I-O' 1@-3I%J' :C%PI-J' *DIBJ' --IPA%' I%L' #IMD&B@R I%L' DG@' A3KI-L' H&D&@M' FG&B@' DG@J' IMM@-D@L' I%L' 3I&%D&&&%@L' DG@&-' 3C%&H&NIB' -&PGDM = DG@' -&PGDM' .A-' FG&HG' DG@J' GIL' .ACPGD' MA' BA%P' I%L' MA' F@BB = F@-@' HA%? D@%D' DA' IHO%AFB@LP@' DG@' MN&-&DCIB' MCN-@3IHJ' A.' DG@' @@' NAMDAB&H +' G@' A%BJ' DFA' OAF@-M' FG&HG' M@@3@L' L&MNAM@L' DA' L@3C-' DA' DG@' HBI&3M' A.' DG@' ;A3I%' NA%D&..' F@-@' DG@' -@NCKB&HM' A.' $@%&H@' I%L' O&MI' DG@' .A-3@-' A.' FG&HG' FIM' ID' N-@M@%D' PA'@-%@L' I%L' PC&L@L' KJ' I' 3I%' FGAM@' MD-A%P' M@%M@' G&PG' 3A-IB' HAC-IP@' I%L' &%.B@T&KB@' .&-3%@MM' A.' NC-? NAM@' F@-@' L@MD&%@L' DA' -@%L@-' G&3' A%@' A.' DG@' 3AMD' .A-3&? LIKB@' ANNA%@%DM' A.' DG@' HAC-D' A.' DG@' $ID&HI%

AFI-L' DG@' HBAM@' A.' DG@' DF@B.DG' H@%DC-J' DG@''M&DCID&A%' A.' DG@' #G-&MD&I%M' &%' DG@' :ABJ' I%L' FIM' N@-&BACM' I%L' L@? NBA-IKB@' &%' DG@' @TD-@3@' 2 @I-BJ' DG@' FGAB@' A.' OIB@MD&%@' KIL' K@@%' P-ILCIBBJ' -@HA'@-@L' KJ' DG@' I-IH@%M' FGA' KJ' KJ' DG@&-' 3I-D&IB' N-AF@MM' DG@&-' @SC@MD-&I%' MO&BB' I%L' DG@&-' %C3@-&HIB' MGQN@-&A-&DJ'@IM&BJ' A'@-NAF@-@L' DG@' -@M&MDI%H@' A.' DG@' #-CMIL@-M' G@' BIDD@-' FGAM@' -I%OM' GIL' K@@%' DG&%%@L

KJ MBICPGD@- FI%D .ID&PC@ I%L L&M@IM@ F@-@ &% DG@ BIMD MDIP@ A. 3&M@&J I%L L&MD-@MM G@J F@-@ KCD IM I G I%L.CB IPI&%MD I GAMD *% MN&D@ A. DG@ C-P@%D I%L -@N@ID@L INN@IBM A. DG@ a&%PM A. 5@-CMIB@3 I%L -3@%&I DG@ OID-&I-HGM A. %D&AHG I%L DG@ : ABJ #&DJ I%L DG@ &MGANM A. J-&I %A -@&%.A-H@3@%DM GIL J@D I--&'@L .-A3 !C-AN@ %L DG@J FACBL %AF N-AKIKBJ I--&'@ DAA BID@R .A- &A% &DM@B. I%L DG@ @NCBHG-@ F@-@ IB-@ILJ F&DG&% DG@ P-IMN A. DG@ 3&M? K@B&@'@-M G@ GAN@ A. MCHH@MM FIM &%L@@L .I&%D I%L -@3AD@ G@ I-LAC- A. #G-&MD@%LA3 FIM HG&BB@L KJ DG@ D@--&KB@ -@'@-M@M FG&HG DG@ N&BP-&3M GIL MC..@-@L A% DG@ NBI&%M A. MHIBA% K@.A-@ DG@ FIBBM A. H-@ I%L &% DG@ 'IBB@'. A. DG@ 5A-LI% G@ DG&-L #-CMIL@ FIM HG&@.BJ -@ 3@3K@-@L IM A%@ A. DG@ 3AMD L&MIMD-ACM I%L &BB HA%H@-D@L C%L@-DIO&%PM A% -@HA-LR DG@ .AC-DG GIL .I&B@L IBDAP@DG@-R I%L DG@ N-@M@%D MDID@ A. !C-AN@ FIM &% 3I%J -@MN@HDM C%.I'AC-IKB@ DA DG@ A-PI%&VID&A% A. I %@F @TN@L&D&A% !%PBI%L FIM ID FI-F&DG "-I%H@R "-I%H@ FIM ID 'I-&I%H@ F&DG <@%3I-OR : 3&PI-J FIM L&'&L@L IPI&%MD &DM@B.R : @%-J $*' A. 1@-3I%J FIM L@IL I%L G&M MA% "-@L@-&H FIM J@D I HG&BL

CD DG@ NA%D&.. I%L G&M IP@%DM F@-@ %AD DA K@ L@D@--@L KJ DG@M@ AKMDIHB@MR DG@&-V@IB I%L @%@-PJ MAA% MC-3AC%D@L @'@-J L&..&HCBDJ *%%AH@%D G&3M@B. F-AD@ N-@MM&%P I%L N@-@3NDA-J B@DD@-M DA DG@ -CB@-M A. DG@ #G-&MD&I% HA33A%? F@IBDG L@N&HD&%P &% MD-A%P HABAC-M DG@ LI%P@-ACM I%L L&MD-@MM&%P M&DCID&A% &% FG&HG DG@&- K-@DG-@% F@-@ NBIH@L I%L L@3I%L&%P &% BI%PCIP@ FG&HG IL3&DD@L %A -@.CMIB DG@&- N-A3ND HA AN@-ID&A% &% I..A-L&%P DG@ MC..@-@-M I&L I%L -@B&@. "ACBSC@M DG@ H@B@K-ID@L #C-W A. @C&BBJ MC-

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MD-@@DM A.' OI-&M ' DG@' KI%OM A.' DG@' I-%@ ' I%L' DG@' NBI&%M A.' #GI3NIP%@ ' F@-@' L@M@-D@L ' <AHDA-M B@.D DG@&-' NI ' D&L%DM R BA'@-M .A-MAAO DG@&-' 3&MD-@MM@M R DG@' CMC-@-' H-@ND .-A3' G&M G&sI-L' DG@' DG&@.' .-A3' G&M G&L&%P NBIH@ ' DA' QA&%' DG@' GABJ'OGIBI%T ' FG&HG ' &D FIM MI&L ' FIM IKACD DA' M@-'@' DG@' A-L ' &%' J-&I ' I%L' DA' HA%SC@-' OIB@MD&%@' &%' !PJND ' G@' QACMD I%L' DG@' DAC-%IJ ' DG@' BA'@' A.' BIL&@M ' DG@' -@FI-L' A.' 'IBAC-' F@-@' IB&O@' .A-PADD@%' A-' %@PB@HD@L' &%' DG@' P@%@-IB DC3CBD' I%L' @TH&D@3@%D ' DG@' D&BD@-M DIO&%P' DG@' 'AF ' I%L' IMMC3&%P' DG@' @3KB@3 ' A.' MI%HD&DJR I%L' &%' I' MGA-D D&3@ ' DG@' .BAF@-' A.' "-@%HG' HG&'IB-J' .-A3' ACBAP%@' DA' DG@' OJ? -@%@@M ' FIM IMM@3KB@L' C%L@-' DG@' KI%%@-M A.' G@AKIBL ' #AC%D A.' #GI3NIP%@ ' I%L' G&M HACM&%' AC&M ' #AC%D A.' BA&M I%L' #GI-D-@M ' G@' @TI3NB@' A.' DGAM@' %AKB@' JACDGM+' FIM -@IL&BJ' .ABBAF@L' KJ' IBLF&% ' #AC%D A.' "BI%L@-M I%L' B&I&%ICBD ' I%L' G&M K-ADG@-' : @%-J ' KADG' A.' FGA3' DAAO' DG@' H-AMM ID -CP@MR KJ' : CPC@M ' #AC%D A.' I&%D OABR 1@A..-@J LH $&BB@GI-LAC&% ' 3I-MGIB ' I%L' 1@A..-@J L@' 5A&%'&BB@ ' M@%@? MHGIB A.' #GI3NIP%@R IDDG@F' L@' A%D3A-@%HJ ' !'@-I-L' L@' A%DI&P%@ ' &3A%' L@' A%D.A-D ' 5AG%' I%L' 1ICDG@-' L@' -&@%%@ ' #A%AC L@' @DB&C%@ ' ; @%ICL' L@' A%D3&-I&B ' DG@' &MGANM A.' A&MMA%M ' -AJ@M ' I%L' ICP-@M ' I%L' I%' &%%C? 3@-IKB@' DG-A%P' A.' KI-A%M ' O%&PGDM ' I%L' .@CLIDA-&@M + *%' 1@-3I%J ' GAF@'@-' DG@' @T@-D&A%M' A.' &DV F@-@' ID? D@%L@L' KJ' I' B@MM K-&BB&I%D -@MCBD ' G@J' F@-@' GAF@'@-

! '& ' & %0 & ' ' & %0 , ' % ' ' 'Y !'& ' ' % ' ' ' '#3 ' '

Q ! ' # > ' ' ' *' ' ' ,$? ! !' ' *$ ' ' - ' ' =<><:Y 6 '75, ' *' D=:Y 9 I % @ ' ' - ' ' * @ D:Y 2 ' ' ; $ $' !' ,' * /:

.I-‘ .-A3‘ K@&%P‘ C%MCHH@MM.CB‘R I%L‘ I3A%P‘ DGAM@‘ FGA3‘ DGID‘ V@IBACM‘ 3&MM&A%I-J‘ N@-MCIL@L‘ DA‘ DIO@‘ DG@‘ H-AMM‘ F@‘ 3IJ‘ L&MD&%PC&MG‘ DG@‘ <CO@M‘ A.‘ ITA%J‘ I'I-&I‘ I%L‘ -IKI%D‘ DG@‘ I%LP-I'@‘ A.‘ Gt-&%P@%‘ DG@‘ I-SC&M@M‘ A.‘ -I%L@%KC-P‘ I%L‘ A-I'&I‘ DG@‘ #AC%D NIBID&%@‘ A.‘ DG@‘ ;G&%@‘ DG@‘ #AC%DM‘ A.‘ OINN@%G@&3‘ : INMKC-P‘ I%L‘ HIF@%‘ KC-P‘ I%L‘ DG@‘ &MGANM‘ A.‘ -@3@%‘ C-DVKC-P‘ ; ID&MKA%‘ I%L‘ *BIBK@-MDILD +‘ G@‘ HAC%D-J‘ &%‘ FG&HG‘ DG@‘ @3&MMI? -&@M‘ A.‘ DG@‘ : ABJ‘ @@‘ INN@I-‘ DA‘ GI'@‘ 3@D‘ F&DG‘ DG@‘ HABL@MD‘ I%L‘ 3AMD‘ C%.I'AC-IKB@‘ -@H@ND&A%‘ FIM‘ !%PBI%L‘ ‘ M&%H@‘ IBDGACPG‘ DG@‘ KKW‘ A.‘ "BIJ‘ H-AMM@L‘ DG@‘ D-I&DM‘ A.‘ #IBI&M‘ DF&H@‘ &%‘ A-L@-‘ DA‘ IFIO@%‘ &%‘ DG@‘ MA%M‘ A.‘ BK&A%‘ I‘ M@%M@‘ A.‘ LCDJ‘ A-‘ I‘ BA'@‘ A.‘ .I3@‘ DG@‘ A%BJ‘ !%PB&MG3@%‘ A.‘ %AD@‘ FGA‘ QA&%@L‘ DG@‘ @TN@L&D&A%‘ F@-@‘ DG@‘ !I-BM‘ A.‘ A-F&HG‘ I%L‘ A-DGI3NDA%

G@‘ NBI%‘ A.‘ DG@‘ %@F‘ @%D@-N-&M@‘ DG@‘ L&MD-&KCD&A%‘ A.‘ DG@‘ D-AANM‘ I%L‘ DG@&-‘ L@MD&%ID&A%‘ F@-@‘ .CBBJ‘ L&MHCMM@L‘ I%L‘ I--I%P@L‘ &%‘ DFA‘ P@%@-IB‘ HAC%H&BM‘ DG@‘ .A-3@-‘ A.‘ FG&HG‘ FIM‘ G@BL‘ ID‘ A&MMA%M‘ &%‘ DG@‘ 'IBB@J‘ A.‘ DG@‘ &M%@‘ I%L‘ DG@‘ BIDD@-‘ ID‘ #A3N@&P%@‘ A%‘ DG@‘ KI%OM‘ A.‘ DG@‘ &M@R‘ I%L‘ AF&%P‘ DA‘ DG@‘ .-&PGD.CB‘ L&MIMD@-M‘ DGID‘ GIL‘ K@.IBB@%‘ DG@‘ @I-B&@-‘ #-C? MIL@-M‘ FGA‘ D-I'@-M@L‘ A%‘ .NAD‘ DG@‘ MI'IP@‘ I%L‘ M@SC@MD@-@L‘ N-A'&%H@M‘ A.‘ 1@-3I%J‘ <IB3ID&I‘ I%L‘ : C%PI-J‘ &D‘ FIM‘ F&M@BJ‘ L@H&L@L‘ A%‘ DG&M‘ AHHIM&A%‘ DGID‘ I‘ %@PAD&ID&A%‘ .A-‘ I%‘ IL@SCID@‘ MCNNBJ‘ A.‘ MG&NM‘ I%L‘ MDA-@M‘ MGACBL‘ K@‘ AN@%@L‘ ID‘ A%H@‘ F&DG‘ DG@‘ -@NCKB&H‘ A.‘ $@%&H@‘ G@‘ HAC%H ‘ A.‘ #A3? N@&P%@‘ %I3@L‘ IHHA-L&%PBJ‘ M&T‘ L@NCD&@M‘ A.‘ FGA3‘ &D‘ INN@I-M‘ DGID‘ 1@A..-@J‘ L@‘ $&BB@GI-LAC&%‘ I%L‘ &B@M‘ L@‘ -IKI%D‘ F@-@‘ INNA&%D@L‘ DA‘ IHD‘ &%‘ DG@‘ %I3@‘ A.‘ DG@‘ #AC%D‘ A.‘ #GI3NIP%@‘ R

I..@HD@L' KJ' DG@&-' D@I-M ' G@BL' CN' DG@&-' GI%LM' F&DG' A%@' IHHA-L ' I%L' @THBI&3@L ' d' @' IP-@@ ' F@' IP-@@ k

%' DG@' .ABBAF&%P' LIJ ' DG@' HA%D-IHD' FIM' M&P%@L' I%L' M@IB@L' &%' DG@' N-@M@%H@' A.' <b%LABA' FGA ' FG@%' DG@' AN@-I? D&A%' FIM' HA3NB@D@ ' MI%O' A%' G&M' O%@@M ' I%L' MFA-@' A%' DG@' PAMN@B' DA' IK&L@' KJ' DG@' D@TD' A.' DG@' IP-@@3@%DR' I%L' DG@' -@? N-@M@%DID&'@M' A.' G@AKIBL ' GI'&%P' KA--AF@L' A.' b' $@%@D&I%' KI%O@-' I' MC3' @SCIB' DA' ' LCHIDM ' FG&HG' DG@J' NBIH@L' IM' I' MC-@DJ' A-' &%MDIB3@%D' &%' DG@' GI%LM' A.' DG@' LAP@ ' -@DC-%@L' KJ' AC%D' 1@%&M' DA' #GI3NIP%@ ' DA' IHSCI&%D' DG@' #AC%D' F&DG' DG@' MCHH@MM ' FG&HG' GIL' IDD@%L@L' DG@&-' L&NBA3IHJ ' D' DG@' MI3@' D&3@ ' FG&B@' DG@' &%MD-C3@%D' FIM' M@%D' DA' ;A3@' DA' -@H@&'@' DG@' MI%HD&A%' A.' *%%AH@%D ' #A%AC' L@' @DGC%@' I%L' BI-L' ISC@-ICT' -@NI&-@L' DA' 1@%AI ' I%L' DG@' DFA' -@3I&%? &%P' L@NCD&@M' DA' O&MI ' DA' MAB&H&D' DGAM@' OAF@-M' DA' DIO@' I' NI-D' &%' DG@' GABJ' C%L@-DIO&%P +' ADG' 3&MM&A%M ' IM' &D' 3&PGD' GI'@' K@@%' I%D&H&NID@L ' F@-@' FGABBJ' C%MCHH@MM.CB ' '

*%' DG@' 3@I%FG&B@ ' GAF@'@-' DG@' @%'AJM ' FGA' GIL' PA%@' &%' SC@MD' A.' DG@' #AC%D' A.' #GI3NIP%@ ' .AC%L' G@AKIBL' ID' -AJ@M ' MD-@DHG@L' CNA%' I' K@L' A.' M&HO%@MM ' G@' .@'@-&MG' &3NID&@%H@' A.' JACDG' L@@@&'@L' DG@' NID&@%D ' I%L' &%H-@IM@L' DG@' 3IBILJR' G&M' -@HA'@-J' MAA%' K@HI3@' GAN@B@MMR' I%L' DGAM@ ' FGA' MC--AC%L@L' G&M' L@IDGK@L ' GIL' @-@' BA%P' DA' L@? NBA-@' DG@' C%D&3@BJ' .ID@' A.' I' .-&@%L' I%L' I' O&%M3I%' ' &&D ' FG&B@' G@AKIBL' K@SC@IDG@L' DA' DG@' FI-B&O@' N@IMI%D-J' A.' #GI3NIP%@' K&M' 'IBAC-' I%L' @%DGCM&IM3 ' DG@' HA33I%L' A.' DG@' "-@%HG' b-&L' "B@3&MG' D-AANM ' F&DG' FG&HG ' &D' GIL' K@@%' L@H&L@L ' G@' MGACBL' K@' @%D-CMD@L ' FIM' 'IHI%DR' I%L' DG@' L@NCD&@M ' FGA' INN@I-' DA' GI'@' K@@%' &%'@MD@L' F&DG' I' P@%@-IB

.A-DG@GA-M@M MDA-@GACM@M.A-DG@.ALL@-I%LADG@-%@H@M?
MI-&@M O&A'&M&A%MA.@'@-JO&%LF@-@&%IKC%LI%H@RDG@
N P-&3MF@-@MCNNB&@LIDI%@IMJI%L3AL@-ID@-ID@RI%L
DG@&MBI%L@-MB@.D%ADG&%PC%LA%@A%DG@&--NI-D FB&&HG
3&PGD-@%L@-DG@HA%D-IHD3A-@HA3NB@D@IMFBBIM'B@MM
&%'&L&ACM *%DG@%C3G@-A.DGAM@FGAGILI--&'@LI%L
IFI&D@LDG@GAC-A.L@NI-DC-@F@-@DG@#AC%DA."BI%L@-M
DG@#AC%DA. BA&MDG@#AC%DA.O@-HGI%LDG@#AC%D
A. I&%DOAB FD&DGDG@&-.ABBAF@-MRI-D&%&DVI%LDG@
&MGANMA.OBIBK@-MDILDI%LDG@N&BP-&3M.-A3DG@KI%OM
A.DG@;G&%@'DG@@CM@'I%LDG@!BK@CDDG@I-SC&M
A%&.IH@'DG@P@%@-IB&%HG&@.'I%LG&M*DIB&I%'ABC%D@@-M
F@-@MD&BBIKM@%D'FG&B@M@'@-IBDGACMI%LMFGAGILDIO@%
DG@H-AMM'F@-@-@NA-D@LIMGI'&%P'&ABID@LDG@&-AIDG'I%L
@3KI-O@L.-A3DG@NA-DMA."-I%H@A3KI-LJI%L @B?
P&C3 3A%PADG@-M;@%ICLL@<I3N&@--@'DA'FGA3
G@AKIBLA.#GI3NIP%@GILK@SC@IDG@L'I'BI-P@NA-D&A%
A.G&MN-AN@-DJIMF@BBIMDG@HA33I%LA.G&MD-AANM
K-AO@G&M'AF'I%LMDI-D@L.A-DG@*BABJI%L.-A3I-&
&%NCB&IRI'HA%M&L@-IKB@KALJA."B@3&%PMGIL'&DFIM
MI&L'-@H@%DBJMI&B@L.-A3DG@GI-KAC-A. -CP@MRI%L
3I%J'I.D@-MF@I-&%PA%DG@PAMN@BDA'-@NI&-DA'$@%&H@
F&DG&%DG@MD&NCBID@LN@-&AL'KJI'P-AMMK-@IHGA.'.I&DG
@3NBAJ@LDG@D-I%MNA-DMA.1@%AI'I%L I-M@&BB@M'G@M@
L@.@HD&A%M&%'AB'@LDG@3AMDM@-&ACMI%LC%.A-DC%ID@HA%?
M@SC@%H@M'G@E DGA.'N-&'DG@LIJ.&T@L.A-DG@.&%IB
-ID&.&HID&A%A.DG@D-@IDJ'GIL'BA%PNIMM@LRDG@%L A.'
5C%@'DGID.&T@L+.A-DG@L@NI-DC-@A.DG@.B@@D'FIMHBAM@
IDGI%L CDA.DG@8 '3I-OMFG&HGF@-@NIJIKB@
DA'DG@LCHIB.&MH'E 'A%BJGILJ@DK@@%-@H@&'@LR

/ ' : * ; ' A-' $! *#!'

M&A%@L' KJ' DG@' N@-.&LJ' A.' DG@&-' HA%.@L@-ID@M' AKB&P@L' DG@3'
DA' INNBJ' DG@' MC-NBCM' A.' DG@&-' HA%D-&KCD&A%M' DA' DG@' B&SC&LI?
D&A%' A.' DG@&-' HC--@%D' @TN@%M@M' MAA%' K@PI%' DA' P&'@' C%@SC&?
'AHIB' M&P%M' A.' &3NID&@%H@' I%L' L&MHA%D@%D

G@' I-A%M' NBIH@L' &%' MCHG' I' L@NBA-IKB@' I%L' C%.A-@M@@%'
@TD-@3&DJ' .AC%L'-@B&@.' &%' I' SCI-D@-' FG@-@' DG@J' 3&PGD' N@-?
GINM' GI'@' DGACPGD 'DGID' DG@J' F@-@' B&DDB@'@%D&DB@L' DA' @TN@HD' &D'
G@' MAB&H&DCL@' FG&HG' A%D.@--IDA' I%L' G&M' HA3N@@-M' GIL'
MG@F%' DA' .CB.&B' DG@&-' @%PIP@3@%DM' DG@' N@-MA%IB' MIH-&.&H@M'
FG&HG' DG@J' GIL' 3IL@' DA' DGID' AKQ@HD' GIL' %AD' @MHINB@L' DG@'
%AD&H@' A.' <b%LABAR' DG@' ABL' 3I%' FIM' 3A'@L' KJ' MA' MD-A%P'
I%' @'&L@%H@' A.' V@IB' I%L' L@'AD&A%' A%' DG@&-' NI-DR' I%L' G@'
L@D@-3&%@L' &.' &D' F@-@' N-IHD&HIKB@' DA' L@'&M@' MA3@' MHG@3@'
.A-' DG@' GA%AC-IKB@' IM' F@BB' IM' DG@' MN@@LJ' MABCD&A%' A.' DG@'
L&..&HCBDJ' IDC-IBBJ' A.' I' O&%L' I%L' P@%@-ACM' L&MNAM&D&A%'
I-L@%D' G&PG MN&-&D@L' NID-&AD&H' %A-' FGABBJ' I' MD-I%P@-' G&3?
M@B.' DA' DG@' N&ACM' @%DGCM&IM3' FG&HG' G@' IL3&-@L' I%L' INN-@?
H&ID@L' &%' ADG@-M' DG@' LAP@' KA-@' &%' 3&%L' GAF@'@-' DGID' &D'
FIM' &%HC3K@%D' A%' G&3' IM' DG@' MA'@-@&P%' A.' I' HA33@-H&IB'
N@ANB@' DA' IHD' FLDG' H&-HC3MN@HD&A%' I%L'-@M@-'@' *D' 3&PGD'
K@' DG@' N-&'ID@' &%HB&%ID&A%' A.' <b%LABA' DA' -@FI-L' DG@' %AKB@'
L&M&%D@-@MD@L%@MM' A.' DG@' HG&@.M' A.' DG@' #-CMIL@' KJ' 3@@D&%P'
DG@&-' F&MG@M' C%L@-' I%J' H&-HC3MDI%H@MR' KCD' G@' .@BD' DGID'
&%' G&M' NCKB&H' HINIH&DJ' G@' HACBL' LA' %A' 3A-@' DGI%' -@HA%H&B@'
MA' .I-' IM' NAMM&KB@' DG@' &%D@-@MDM' A.' KADG' DG@' HA%D-IHD&%P'
NI-D&@M' %' DG@' A%@' GI%L' &%L@@L' &D' FIM' %AD' DA' K@'
LACKD@L' A-' L@%&@L' DGID' DG@' NIJ3@%D' A.' DG@' E ' 3I-OM'
ACPGD' DA' K@' MHHC&WL' K@JA%L'-&MOR' KCD' A%' DG@' ADG@-'@'@-J?
DG&%P' &D' FIM' DA' K@' HA%M&L@-@L' FIM' &%' -@IL&%@MM' .A-' DG@'
L@NI-DC-@R' DG@' N&BP-&3M' F@-@' 3I%&.@MDBJ' I%T&ACM' DA' M@D

&BBCMD-&ACM' &HG&@B&' I%L' GIL' O%AF%' G&M' MA% &% BIF' DG@'
<AP@' OABI%&R I%L' I' .@F' N@-GINM' DG@-@' F@-@' FGA' HACBL'
-@HIBB' DG@' LIJ' FG@%' I' .@F' MD-IPPB@-M' HI3@' DA' ; &IBDA' F&DG'
DG@' L-@IL.CBW' %@FM' DGID' DG@' <AP@' -L@BI.A' "IB&@-A' FIM'
MBI&%' I%L' G&M' FGAB@' I-3J' I%%&G&BID@L' KJ' DG@' : C%PI-&I%M'
CD' DG@' HA33I%L' A.' DG@' .B@@D' M@@3@L' DA' &%'AB'@' &%' .IHD'
DG@' HA33I%L' A.' DG@' FGAB@' @TN@L&D&A%R I%L' &D' FIM' DG@'
NAB&HJ' &D' 3&PGD' K@' DG@' F&MG' A.' DG@' $@%@D&I%M' DA' %A3&?
%ID@' MA3@' N@-MA%' FGAM@' -I%O' I%L' -@NCDID&A%' @%D&DB@L' G&3'
DA' DIO@' N-@H@L@%H@' A.' DG@' IBB&@L' P@%@-IBM' G@' GA%@MD' I%L'
QCL&H&ACM' HI%LAC-' A.' <I%LABA' -@B&@'@L' DG@' LACKDM' A.' G&M'
HAC%D-J3@%' I%L' N@-GINM' I%D&H&NID@L' DG@&-' HGA&H@' %@'
C%LIJ'DG@' N@ANB@' GIL' IMM@3KB@L'&%' I&%D' I-OUM' HGC-HG'
DA' L@B&K@-ID@' A%' DG@' &3NA-DI%D' SC@MD&A%' &%' IP&DID&A%R I%L
2 I.D@-' DG@' H@B@K-ID&A%' A.' 3IMM'DG@J' GIL' N-AH@@L@++' DA' AN@%'
DG@' L@KID@' FG@%' DG@' LAP@' -AM@' .-A3' DG@' M@ID' FG&HG' G@'
AHHCN&@L' I%L' IMH@%L@L' DG@' D-&KC%@' G@' IHD&A%' @TH&D@L'
P@%@-IB' HC-&AM&DJR DG@' FA-LM' A.' <I%LABA' HA33I%L@L' C%&?
'@-MIB' IDD@%D&A%' *' I-&&' IP@L' I%L' &%.&-3 k' MI&L' DG@' ABL'
Ú3I%' d' I%L' 3CHG' %@@L' GI'@' *' A.' SC&@D' I%L' -@NAM@' J@D'
*' M@@' %A' 3I%' &%' SC-' #A33C%@' 3A-@' HINIKB@' A.' B@IL&%P'
JAC' &%' DG&M' @TN@L&D&A%' DB&I%' *' I3R DG@-@.A-@'&.' JAC' F&BB'
IBBAF' 3J' MA%' DA' -@3I&%' G@-@' &%' 3J' NBIH@' DA' PA'@-%' I%L'
FIDHG'A'@-' JAC'*' F&BB' ID' A%H@' DIO@' DG@' #-AMM' I%L' PA' F&DG'
DG@' N&BP-&3M' DA' B&'@' A-' L&@' F&DG' DG@3' IM' 1AL' MGIBB' DG&%O'
.&D kv %' C%I%&3ACM' MGACD' INNBICL@L' G&M' -@MABCD&A%' I%L'
IHH@ND@L' G&M' N-ANAMIBR I%L' <I%LABA' L@MH@%L&%P' .-A3' DG@'
D-&KC%@' INN-AIHG@L' DG@' %I'@' A.' DG@' HIDG@L-IB' I%L' M&%O?
&%P' A%' G&M' O%@@M' K@.A-@' DG@' P-@ID' IBDI-' A.' I&%D' I-OUM'
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G@' DAAO' DG@' AIDG ' FG&B@' DG@' #-AMM' FIM' IDDIHG@L' DA' DG@' .-A%D' A.' G&M' LCHIB' KA%%@D ' d FG@-@' &D' 3&PGD' K@' NBI&%BJ' '&M&KB@' DA' IBB' 3@% k' G@' %AKB@' @TI3NB@' A.' DG@&-' '@%@? -IKB@' N-&%H@' FIM' .ABBAF@L' KJ' 3I%J' $@%@D&I%M ' FGA' GIL' G&DG@-DA' MDAAL' LACKD&%PBJ' IBAA. ' I%L' FGA' %AF'QA&%@L' F&DG' G&3' &%' MF@I-&%P' DA' L@'AD@' DG@&-' B&'@M' DA' DG@' Li+B&'@-I%H@' A.' DG@' : ABJ' OBIH@M ' ' .@F' LIJM' BID@-' ; @%&@-A' <I%LABA ' G&M' @BL@MD' MA%' FIM' L@HBI-@L ' LC-&%P' G&M' .IDG@-UM' IKM@%H@ ' $&H@ <AP@' A.' DG@' -@NCKB&HR' I%L ' @'@-J' AKMDIHB@' GI'&%P' K@@%' ID' BIMD' MC-3AC%D@L' A-' -@3A'@L ' DG@' O&BP-&3M' @3? KI-O@L' ID' &LA ' I.D@-' MA' 3I%J' 3A%DGM' A.' MCMN@%M@' I%L' L@BIJ ' A%' DG@' 8DG' A.' HDAK@-' ' ' DG@' AHDI'@M' A.' I&%D' ; G@3&P&CM +

G@' F@IDG@-' FIM' HB@I-' I%L' .&%@ ' DGACPG' DG@' M@IMA%' FIM' IL' I%H@LR' I%L' &%' DG@' HAC-M@' A.' I' LIJ' A-' DFA ' DG@' .B@@D ' HA%? M&MD&%P' A.' CNFI-L' A.' DG-@@' GC%L-@L' MI&B ' HIMD' I%HGA-' A..' DG@' DAF%' A.' -&@MD@ ' FG&HG' DG@' $@%@D&I%M' GIL' BA%P' K@@%' M@H-@DBJ' I%T&ACM' DA' -@LCH@' DA' DG@&-' MFIJ ' -&@MD@ ' A'@-? IF@L' KJ' DG@' M&PGD' A.' MA' BI-P@' I%L' NAF@-.CB' I%' I-3I3@%D ' HIN&DCBID@L' A%' DG@' .&-MD' MC33A%M ' I%L' IHSC&@MH@L' &%' DG@' &3NAMD' A.' I' J@I-BJ' D-&KCD@' DA' DG@' LCHIB' .&MH' A.' DFA' GC%L-@L' PIBBA%M' A.' F&%@ ' G@' 3A&@DJ' A.' DGID' D-&KCD@ ' I%L' I%' AIDG' A.' IBB@P&I%H@' DA' $@%&H@ ' F@-@' &%' B&O@' 3I%%@-' @TIHD@L' .-A3' 3IPA ' I' DAF%' M&DCID@L' A%' DG@' <IB3ID&I%' HAIMD' &%' DG@' '&H&%&DJ' A.' #INA' LU*MD-&I ' .D@-' DG@M@' DFA' IHG&@'@3@%DM ' FG&HG' 3&PGD' INN@I-' DA' MA3@' B&DDB@' &%' IHHA-LI%H@' @&DG@-

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' 3AL@-%' .A-D-@MM' A.' >I-I ' FG&HG' FIM' M&DCID@' ID' I' L&M?
DI%H@' A.' .&.D@@%' 3&B@M' .-A3' DG@' -C&%M' A.' DG@' ABL' ;A3I%'
HABA%J' A.'5ILH-I ' FIM' IHHAC%D@L ' ID' DG@' N@-&AL' A.' DG@' .&.DG'
#%&MIL@ ' DG@' MD-A%P@MD' NBIH@' &%' DG@' $@%@D&I%' LA3&%&A%M '
' P&-LB@' A.' 3IMM&'@' I%L' @%A-3ACM' -I3NI-DM' L&'&L@L ' ID'
-@PCBI-' L&MDI%H@M ' KJ' DAF@-M' A.' P-@ID' IBD&DCL@ ' M@HC-@L' DG@'
H&DIL@B' .-A3' MC-N-&M@ ' I%L' MG@BD@-@L' &D' .-A3' IMMICBD'R FG&B@'
I' BI-P@' I%L' BA.DJ' FIBB' FG&HG' GIL' K@@%' -@H@%DBJ' -I&M@L' KJ'
DG@' : C%PI-&I%' @%P&%@@-M' A%' DG@' M&L@' A.' DG@' GI-KA&3 '
@..@HDCIBBJ' N-AD@HD@L' &D' .-A3' DG@' &%'IM&A%' A.' I' 3I-&D&3@'
@%@3J ' @'@%D@@%' J@I-M' GIL' %AF' @BINM@L' M&%H@' DG@' BIMD'
$@%@D&I%' NAL@MDm' FIM' @TN@BB@L' .-A3' DG@&-' DAF%'R LC-&%P'
DG@' &%D@-'@%&%P 'MNIH@ ' DG@' >I-@D&%@M' GIL' @%QAJ@L ' DA' I' H@-?
DI&%' @TD@%D ' I' MDID@' A.'&%L@N@%L@%H@ ' GI'J&P' IB&@%ID@L' DG@3?
M@B'@M' .-A3' DG@' -@NCKB&H ' J@D' %AD' .A-3IBBJ' IHO%AFB@LP&%P'
DG@' MA'@-@&P%DJ' A.' a&%P' @BIR' I%L' DG@J' GIL' DG@-@.A-@'
K@@%' &%' I%' @TH@BB@%D' NAM&D&A%' DA' 3IO@' IBB' %@H@MMI-J' N-@?
NI-ID&A%M' .A-' DG@' &3N@%L&%P' MD-CPPB@ ' G@' 3IPIV&%@M'
F@-@' .CBBR' DG@' MDA-@' A.' I-3M' I%L' I33C%&D&A%' FIM' HIBHC

BID@L' .A-' I' BA%P' M&@P@R I%HB' DG@' PI--&MA%' FG&HG' FIM' HA3?
NAM@L'NI-DBJ'A.'DG@'&%GIK&DI%DM'NI-DBJ'A.' : C%PI-&I%M'FIM'
&%' DG@' G&PG@MD' MDID@' A.' L&MH&NB&%@' I%L' @..&H&@%HJ

G@M@' H&%HC%&MDI%H@M' 3&PGD' QCMD&.J' &% MA3@' 3@IMC-@'
DG@'GAN@'A.'DG@'>I-@D&%@M'DGID'DG@'-@NCKB&H'FACBL'K@'.A&B@L'
&%' DG@' IDD@3ND' DA' -@HA'@-' G@-' L@N@%L@%HJR' KCD' ID' DG@'
MI3@'D&3@'DG@J'L&L'%AD'MGIO@'DG@'L@D@-3&%ID&A%'A-'B@MM@%'
DG@'I-LAC-'A.'DG@'#-CMIL@& MR' I%L'A%'DG@'@-J'LIJ'A.'DG@&-'
I--&'IB' K@.A-@' DG@' NBIH@' I' $@%@D&I%' PIBB@J' GI'&%P' .A-H@L'
DG@' KAA3' FG&HG' FIM' NBI%D@L' IH-AMM' DG@' 3ACDG' A.' DG@'
GI-KAC-'DG@' ID&%M' @%D@-@L'I%L'@MDIKB&MG@L'I'KBAHOIL@'
G@'@'@%&%P'A.'DG@' DG' A'@3K@-'GAF@'@-'NIMM@L'F&DG?
ACD' I%J' 3A'@3@%D' K@&%P' 3IL@' A%' @&DG@-' M&L@R' A%' DG@'
3A-%&%P'A.'DG@' 3A--AF'DG@'K@M&@P@-M'N-@NI-@L'.A-'IHD&A%'
G@&-' B&%@M' F@-@' .A-3@LR' DG@&-' I&D&BB@-J' FIM' L-IF%' CN' &%'
NAM&D&A%'R I%L'DG@'P@%@-IB' IMMICBD' FIM' HA33@%H@L' G@'
>I-@D&%@M' GIL' 3@I%FG&B@' 'I&%BJ' @%L@I'AC-@L' DA' ANNAM@'
DG@' @%D-I%H@' A.' DG@' .B@@D' I%L' DG@' L&M@3KI-OID&A%' A.' DG@'
D-AANM' I%L'DG@'A'@-FG@B3&%P'%C3K@-M'A.'DG@'"-@%HG'I%L'
$@%@D&I%M' FGAM@' IBB&I%H&@' &%' MCHG' I' HICM@' DG@J' GIL' &%'
IB' N-AKIK&B&DJ' B&DDB@' I%D&H&NID@L' MN@@L&BJ' HA%'&%H@L' DG@'
-@K@BM'DGID'-@M&MDI%H@' FIM'.-C&DB@MM' D&BB'DG@J'3I&%DI&%@L'
DG@' C%@SCIB' MD-CPPB@' LC-&%P' M@'@-IB' GAC-M' I%L' &D' FIM'
%AD' D&BB' DG@' 3A-%&%P' A.'DG@' DG'DGID'I'L@NCDID&A%' A.'DG@'
N-&%H&NIB' 3@-HGI%DM' I%L' 3IP&MD-ID@M' A.' DG@' H&DJ' FI&D@L'
A%' DG@' LAP@' &%' G&M' NI'&B&A%' I%L' A..@-@L' DA' G&3' &%' DG@'
%I3@' A.' DG@' 3C%&H&NIB&DJ' DG@' &33@L&ID@' H@MM&A%' A.' DG@'
NBIH@' N%' DG@' HA%L&D&A%' DGID' DG@' B&'@M' A.' DG@' &%GIK&DI%DM'
F@-@' MNI-@L' I%L' DG@J' F@-@' MC..@-@L' DA' -@3I&%' A-' L@NI-'
C%GI-3@L

G&M FIM DG@ .&.DG -@'ABD A.>I-I LC-&%P DG@ BINM@ A. I H@%DC-J I%L I GIB. I%L &. F@ DIO@ &%DA AC- HA%M&L@-I? D&A% DG@ NAB&HJ A. $@%&H@ DAFI-L G@- L@N@%L@%HJ F@ MGIBB K@ L&MNAM@L DA IHO%AFB@LP@ DGID @IHG -@'ABD GIL K@@% 3I-O@L KJ HB@3@%HJA% DG@NI-D A. DG@-@NCKB&H I%L KJ D-@IHG@-ACM &%P-ID&DCL@ A% DG@ NI-D A. DG@ .&@. G@ BIDD@- 3&PGD IDD@3ND DA @TNBI&% I%L @THCM@ DG@M@ .-@SC@%D L@.@HD&A%M KJ IBB@P&%P DG@ &3NAMM&K&B&DJ A. A.&@-&%P I% @..@HDCIB -@M&MDI%H@ DA DG@ IPP-@MM&A%M A. @BI I%L G&M N-@? L@H@MMA-M R KCD DG@ $@%@D&I% PA'@-%3@%D GIL -@IMA% DA DG&%O DGID I NBIH@ FG&HG GIL L@.&@L DG@ ICDGA-&DJ A. DG@&- HA33C%@ .-A3 8 DA DG@N-@M@%D D&3@ I% &%D@-'IB A. M@'@%D@@% J@I-M FIM HINIKB@ A. F&DGMDI%L&%P DG@ .A-H@M A. DG@ a&%P A. OBC%PI-J ID B@IMD C%D&B DG@ -@NCKB&H HACBL NAC- &% IL@SCID@ MCNNB&@M I%L -@&%.A-H@3@%DMR I%L MA MD-A%P F@-@ G@- L@.@%H@M DGID <I%LABA G&3M@B. FGA 3&PGD N@-GINM -@3@3K@-DG@J@I- / +FG@%DG@N@-.&LJ A. >I-I GIL HAMD G&M HAC%D-J I% I-3J I%L I LAP@ G@M&? DID@L %AD DA @TN-@MM I% AN&%&A% DGID MGACBL DG@ N&BP-&3M %AD K@ &%HB&%@L DA HA AN@-ID@ F&DG DG@3 &% DG@ -@HA'@-J A. DG@NBIH@ e &D FIM G&PGBJ N-AKIKB@ DGID DG@J FACBL BAM@ &D IBDAP@DG@- G@ LAP@ GAF@'@- K-&@.BJ &%.A-3@L DG@ L@NCD&@M DGID G@ FIM N@-MA%IBBJ .I'AC-IKB@ DA DG@&- -@? SC@MD I%L DGID G@ FIM F&BB&%P DA HA%MCBD DG@ I-A%M G&M IBB&@M A% DG@ MCKQ@HD R KCD DGID F&DGACD DG@ HA%M@%D A.

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MHI-H@BJ GIL G@ @%D@-@L DG@ NI '&B&A% FG@% 1CJ FGA GyBL
&% G&M GI%L I% AN@% B@DD@- F-&DD@% ZIM G@ IBB@P@L[KJ DG@
NAN@ IL 'I%H@L DAFI-L G&M @-@%&DJ I%L &% I BACL I%L
ICDGA-&DI&'@ DA%@ @THBI&3@L d &- '*N-AG&K&D JAC &% DG@
%I3@ A. DG@ INAMDB@ .-A3 IDDIHO&%P DG&M H&DJR .A- &D K@?
BA%PM DA #G-&MD&I%M I%L JAC I-@ I O&BP-&3]k G@ MN&-&D
A. <I%LABA FIM %AF DGA-ACPGBJ -ACM@L : &M &%L&P%ID&A%
ID DG@ P-AMM I.BO-A%D FG&HG IM G@ HA%H@&'@L GIL K@@%
A..@-@L &% G&M N@-MA% DA DG@ P-@ID HAC%D-J FG&HG G@ -@N-h
MH%D@L FIM NBI&%BJ B@P&KB@ &% G&M HGI%P&%P HAC%D@%I%H@R
I%L IM DG@ BIMD FA-LM NIMM@L DG@ B&NM A. DG@ MN@IO@- DG@
ABL 3I% MCNN-@MM@L F&DG L&..&HCBDJ G&M -&M&%P F-IDG D
DG@ MI3@ D&3@ DG@ .IBM@ I%L &%QC-&ACM -@NA-DM FG&HG
DG@ @3&MMI-&@M A. DG@ $ID&HI% M@@3@L DA K@ L&MM@3&%ID&%P
DG-ACPG DG@ -I%OM A. DG@ I--IJ I%L FG&HG &D FIM DAB@-IKBJ
HB@I- F@-@ LI&BJ PI&%&%P P-AC%L I%L MD-@%PDG .&BB@L G&3
F&DG INN-@G@%M&A% I%L I%T&@DJR G@ .@BD DG ID DG@M@ M@L&?
D&ACM HIKIBM M@-&ACMBJ @%LI%P@-@L DG@ MCHH@MM A. DG@ C%L@-?
DIO&%P &% FG&HG G@ I%L G&M HA%.@L@-ID@M F@-@ ID N-@M@%D
@%PIP@L R I%L F&DGACD NICM&%P DA DIO@ %AD&H@ A. DG@
INAMDAB&H N-AG&K&D&A% DG@ LAP@ L@D@-3&%@L DA -@D-IH@ G&M
MD@NM &33@L&ID@BJ I%L DA HA33C%&HID@ G&M M@%D&3@%DM
IM F@BB IM DG@ MD-I%P@ MH@%@ A. FG&HG G@ GIL K@@% I F&D?
%@MM DA DG@ ADG@- B@IL@-M A. DG@ #-CMIL@ G@ I-A%M
FGA GIL %AD C%%IDC-IBBJ @TN@HD@L DGID DG@ I-D&HB@M A. HI?
N&DCBID&A% FACBL MGA-DBJ K@ M&P%@L .CBBJ MGI-@L DG@ L&M?
NB@IMC-@ I%L IMDA%&MG3@%D A. <I%LABA ID DG@ N-AH@@L&%P
A. $ICT @-%IJ FGAM@ HA%LCHD GAF@'@- 3&PGD N@-GINM
K@ KTHCM@L A% DG@ P-AC%L DGID G@ FIM M&3NBJ DG@ &%MD-C

3H%D A.'DG@ : ABJ @@R I%L'DG@J IBMA'QA&%@L' F&DG G&3' &%
BI3@%D&%P DGID I'MN&-&D A.'L&MI..@HD&A% MGACBL' GI'@'I-&M@%
I3A%P DG@'D-AANMR KCD DG@J'@I-%@MDBJ'L&MHBI&3@L' I%J HAB?
BCM&A%' A% DG@&-' NI-D'A-' I%J'&%D@%D&A%' A.'IKI%LA%&%P DG@&-'
'IBBJ'R I%L' &%' N-AA.'A.' DG@&-' M&%H@-&DJ' DG@J' HG@@-.CBBJ' L@?
HBI-@L'DGID DG@J'F@-@' -@ILJ' ID' IBB' D&3@M DA' IHD' &%' HA%H@-D
F&DG G&3' I%L' DG@' -@NCKB&H' *%' HA%.A-3&DJ' F&DG' DG@M@'
IMMC-I%H@M' DG@J' I%%AC%H@L' DG@&-' F&BB&%P%@MM ZMGACBL' G&M
@-@%&DJ' IL'AHID@' DG@' ILAND&A%' A.'MCHG' I'MD@N[DA'K-@IO'A..'
DG@' I-3&MD&H@' ID' A%H@' I%L' -@MC3@' DG@' A..@%M&'@' F&DGACD'
.C-DG@-'L@BIJ'R I%L' IM' DG@' LAP@' %AF' @TN-@MM@L' G&3M@B.'
L@H&L@LBJ'&%' .I'AC-'A.'I'-@%@FIB' A.'GAMD&B&D&@M'DG@' M&@P@' A.'
>I-I'I.D@-'I%' &%D@--CND&A%' A.'DF@%DJ .AC-'A-' DG&-DJ' GAC-M'
FIM' AN@%@L' A%' DG@' 3A-%&%P' A.'DG@' EDG' A.' A'@3K@-
G@' AN@-ID&A%M' GAF@'@-'A%BJ' BIMD@L' .&'@' LIJM'R A%' DG@'
8DG' DG@' >I-@D&%@M' F@-@' HA3N@BB@L' DA' &3NBA-@' DG@' HB@?
3@%HJ' A.' DG@' ID&%M' G@' D-@ID3@%D' FG&HG' DG@' 'I%?
SC&MG@L' @TN@-&@%H@L' FIM' C%CMCIBBJ' P@%DB@' DG@&-' B&'@M'
F@-@' MNI-@L'R DG@&-' N@-MA%M' F@-@' N-AD@HD@L' .-A3' ACD-IP@'
CD' DG@&-' DAF%' FIM' P&'@%' CN' DA' N&BBIP@'R I%L' DG@' KAADJ'
GI'&%P' K@@%' HABB@HD@L' I%L' 'IBC@L' FIM' L&'&L@L' &%' @SCIB'
1' N-ANA-D&A%M' K@DF@@%'DG@' "-@%HG' I%L' $@%@D&I%M' G@'
3A'@3@%DM' A.'DG@' '&HDA-M' M@@3@L' DA' &%L&HID@' I%' &%D@%D&A%'
A.'AHHCNJ&%P' DG@' NBIH@' .A-' I'HA%M&L@-IKB@' N@-&AL' DIKB@M'
F@-@' N-A'&L@L' .A-'DG@' GA-M@M'R KI--IHOM' F@-@' M@D' INI-D' .A-'
DG@' D-AANM'R I%L' F&DG' I' '&@F' DA' DG@' N-@M@-'ID&A%' A.'A-L@-'
I%L' L&MH&NB&%@' DG@' &MBI%L@-M' F@-@' SCI-D@-@L' &%' DGID' NA-?
D&A%' A.'DG@' H&DJ' FG&HG' FIM' %@I-@MD' DG@' GI-KAC-'DG@&-'HA%?
.@L@-ID@M' &%' DGID' FG&HG' BIJ' DAFI-L' DG@' BI%L' @D' @'@%'
DG&M' QCL&H&ACM' N-@HICD&A%' N-A'@L' &%MC..&H&@%D IM' I'KI--&@-
**'

K@DF@@%' DG@' &-IMH&KB@' N-&L@' A.' DG@' "-@%HG' I%L' DG@' &%DA? B@-I%D' Q@IBACMJ' A.' DG@' $@%@D&I%MR I%L' A%' DG@' @'@%&%P' A.' DG@' MD' A.' A'@3K@- +' DGID' &M' DG-@@' LIJM' I.D@-' DG@'.IBB' A.' >I-I ' I' MB&PGD' L&..@-@%H@' K@DF@@%' MA3@'+MABL&@-M' I%L' 3I-&%@M' KADG' A.' FGA3 ' &D' INN@I-M ' &%M&MD@L' A%' &%MDIBB&%P' DG@3M@B'@M' &%' A%@' NI-D&HCBI-' KI--IHO ' B@L' DA' I%' I%P-J' IBD@-HID&A%' I%L' I' KBAALJ' I..-IJ ' &PGD' LI-O@%@L' DG@'MH@%@' F&DGACD' NI-D&%P' DG@' HK%&KIDI%DMR FGA' GIL' MN@@L&BJ' N-A? HC-@L' I--IM' I%L' IMM&MDI%H@R I%L' P-@ID' %C3K@-M' GIL' .IBB@% A%' KADG' M&L@M ' K@.A-@' DG@' HG&@.M' HACBL' IMH@-DI&%' DG@' HICM@ ' I%L' SC@BB' DG@' '&AB@%H@ ' A.' DG@' DC3CBD ' <I%LABA ' GAF@'@-' &.' G@' P-&@'@L' ID' DG@' ACDK-@IO ' GIL' -@IMA%' DA' KBCMG' ID' DG@' &MMC@ ' A.' DG@' SCI--@B ' .A-' G&M' HAC%D-J3@% ' IBDGACPG' DG@J' F@-@' .I-' 3A-@' %C3@-ACM' DGI%' DG@&-' ANNA%@%DM ' F@-@' DGA-ACPGBJ' F A-MD@L' &%' DG@' HA%.B&HDR I%L' &D' FIM' .CBBJ' @&PGD' LIJM' K@.A-@' DG@' 3I-&%@M' MCKLC@L' DG@&-' NIMM&A% ' I%L' -@+' PI&%@L' DG@&-' HA3NAMC-@ ' ' .A-D%&PGD' I.D@-' DG&M' MHI%LIBACM' AHHC--@%H@ ' DG@ I-SC&M' A.' A%D.@--IDA ' F+GA' GIL' CN' DA' DG@' N-@M@%D' D&3@' -@3I&%@L ' ID' $@%&H@' A%' DG@' NB@I' A.' &BB' G@IBDG ' QA&%@L' DG@' I-3J ' A.' FG&HG' G@' IMMC3@L' DG@' HG&@.' HA33I%L ' G@' P@%@-IB&MM&3A' FIM' IHHA3NI%&@L' KJ' ID? DG@F ' I-A% 'L@' A%D3A-@%HJ ' I%L' I' .@F' ADG@-M ' FGA GIL' B&%P@-@L' K@G&%L' A%' I' M&3&BI-' P-AC%L ' *D' FIM' MCMN@HD@L ' GAF@'@-' DGID' DG@' IKM@%H@' A.' A%&.IH@' G&3M@B.' FIM' -@IBBJ' IMM&P%IKB@' DA' I' '@-J' L&..@-@%D' HICM@ ' G@-@' F@-@' MA3@ ' FGA' @TN-@MM@L' I' K@B&@.' DGID' G@' GIL' K@@%' L@D@--@L' .-A3' MI%HD&A%&%P' KJ' G&M' N-@M@%H@' DG@' NI-D&H&NID&A%' A.' DG@' "-@%HG' &%' DG@' M&@P@' A.' >I-I ' KJ' I' L-@IL' A.' INAMDAB&H' H@%MC-@R I%L' DG@M@' HA%M@SC@%DBJ' L&MH@-%@L' K@%@IDG' DG@' MGIBBAF' I%L

HA%'@%&@%D N-@D@TD A.'&BB%@MM'DG@ .IBM@MH-CNB@M A.'I'F@IO I%L'MCN@-MD&D&ACM 3&%L' A-'F@-@DG@&-'MCMN&H&A%M'N@-? GINM'.I-'-@3A'@L'.-A3'DG@'D-CDG

CD'FG&B@ A%D.@--IDA'FIM MD&BB'ID'$@%&H@'*%%AH@%D'L&M? HA'@-@L'F&DG'K&DD@-'''@TID&A%'DGID'I'B@DD@-'FG&HG'G@'GIL' ILL-@MM@L'BA%P'M&%H@'DA'DG@'O&BP-&3M'GIL'K@@%'&%D@-H@ND@L' KJ'DG@'HICD&ACM'V@IB'A.'DG@&-'HA33I%L@-' A%&.IH@'&%? L@@L'.-I%OBJ'HA%.@MM@L'DG@'A3&MM&A%'A.'FG&HG'G@'GIL' K@@%'PC&BDJR'I%L'G@'IDD@3ND@L'DA'@THCM@'&D'KJ'MG@F&%P' DGID'G&M'MAB@'3AD&''@'GIL'K@@%'I'MAB&H&DCL@'.A-'DG@'F@B.I-@ I%L'MCHH@MM'A.'DG@'@%D@-N-&M@'&%'FG&HG'G@'FIM'@%PIP@L' :&M'.@@B&%P'G@'MI&L'FIM'DGID'&D'FACBL'GI''@'K@@%'CDD@-BJ' &3NAMM&KB@'DA'N-@''I&B'A%'$@%&H@'DA'.A-@PA'G@-'MHG@3@'.A-' DG@'-@HA'@-J'A.'>I-IR G@'-@3&%L@L'DG@'NA%D&..'DGID'DG@' O&BP-&3M'HA%M&L@-@L'DG@&-'GA%AC-'NB@LP@L'DA'I'HA AN@-ID&A%' *%'DGID'C%L@-DIO&%PR I%L'G@'HA%HBCL@L'KJ'@TN-@MM&%P'I%' AN&%&A%'DGID'GIL'G@'HA33C%&HID@L'DA'DG@'D-AANM'DG@' INAMDAB&H'HGI-P@'IM'G&M':AB&%@MM'@%QA&%@L'&D'+ACBL'IM' 3IDD@-M'MDAAL'GI''@'@T@-H&M@L'I'3AMD'&%QC-&ACM'@..@HD' CD'*%%AH@%D'FIM.I-'.-A3'K@&%P'MID&M.&@L'F&DG'DG&M'@T? NBI%ID&A%'G@'M&P&u&.&@L'&%'%A'3@IMC-@L'D@-3M'G&M'L&MNB@I? MC-@'ID'DG@'HAC-M@'FG&HG' A%D.@--IDA'GIL'DGACPGD'N-AN@-' DA'NC-MC@R+'I%L'G@'HA33I%L@L'DG@'3I-SC&M'DA'3IO@' O%AF%'F&DGACD'3A-@'L@BIJ'G&M'M@%D&3@%DM'I%L''&@FM'DA' DG@'#-CMIL@-M

%'DG&M'HA--@MNA%L@%@@'F&DG' A%D.@--IDA'%%AH@%D'GIL' LF@BD'ID'MA3@'B@%PDG'A%'DG@'H-C@B'MC..@-&%PM'A.'DG@'@I-B&@-

' ' ' ' ' ' D; 'A ' ' #: :#
?# JHG ' #$% ' ' ' 7' ' ' + ' ' ? V
7 ' ' ' ' 0 '4 ' '' &*

#-CMIL@-MR I%L G@G IL DG@%N-AH@@L@L DA L@N&HD &%MD-A%P I%L PBAF&%P HABp3@ DG@ C-P@%D L&MD-@MM A. DG@ M3IBB KI%L A. G@-A 3I-DJ-M FGA F@-@ MD&BB 3I&%DI&%&%P &% OIB@MD&%@ I% C%@SCIB I%L L@MN@-ID@ MD-CPPB@ F&DG DG@ &%.&L@BM : @ BI3@%D@L DG@ L@BIJ FG&HG GIL AHHC--@L &% DG@ L@NI-DC-@ I%L N-AP-@MM A.DG@ @TN@L&D&A%R I%L G@ IMH-&K@L DG@ KBI3@ &% N-&%H&NIB 3@IMC-@ DA<b%LABA I%L DG@ $@%@D&I%M FGA3 G@ NBIH@L IHHA-L&%PBJ ACD A. DG@ #G-&MD&I% HA33C%&A% : @ &%D&3ID@L DA DG@ I-A%M DGID G@ GIL ILL-@MM@L I B@DD@- DA DG@ 1-@@O @3N@-A- N-IJ&%P G&3 DA F@BHA3@ DG@&- I-? -&'IB ID #A%MDI%D&%ANB@ F&DG I% I3NB@ MCNNBJ A. MDA-@M I%L N-A'&M&A%M .A- DG@ D-AANMR I%L G&M : AB&%@MM F@%D MA .I- IM DA MCPP@MD DGID MGACBL DG ID N-&%H@ %@PB@HD A- -@.CM@ DA HA3NBJ F&DG G&M -@SC@MD DG@ #-CMIL@-M 3&PGD M@@O DG@ 3@I%M A. MCKM&MD@%H@ &% DG@ %I3@ I%L .A- DG@ MIO@ A. DG@ ;@L@@3@- FG@-@'@- DG@J F@-@ B@L DA @TN@HD IKC%LI%H@ : @ L&-@HD@L DG@3 DA 3IO@ -@MD&DCD&A% A. DG@&- NA-D&A% A. DG@ N&BBIP@ A. >I-I I DAF% FG&HG K@BA%P@L IM G&M : AB&? %@MM N-@D@%L@L DA DG@ a&%P A. : C%PI-J B&O@ DG@3M@B'@M I#G-&MD&I% I%L I#-CMIL@-R I%L &% HA%HBCL&%P G&M @N&MDB@ .-A3 FG&HG G@ F&DGG@BL DG@ CMCIB K@%@L&HD&A% *%%AH@%D HGI-P@L A%D.@--IDA I%L DG@ ADG@- HG&@.M DA N-AH@@L ID A%H@ DA OIB@MD&%@ ,/ / / , / / &I%L DA GABL %A HA%'@-M@ F&DG DG@ $@%@D&I%M E F 3 /$ G@M@ @TN-@MM&A%M %IDC-IBBJ @T@-H&M@L I '-&ACM &%.BC@%H@ A'@- DGAM@ DA FGA3 DG@J F@-@ INNB&@L MA3@ A. DG@ I-A%M F@-@MDI-DB@L MA3@ F@-@ IKIMG@L FG&B@ ADG@-M F@-@M&3NBJ I%%AJ@L ID DG@ DA%@ A. I%P@- I%L -@N-AIHG &% FG&HG DG@ NA%D&.&HIB B@DD@- FIM HACHG@L D DG@ MI3@ D&3@ IBB IH

B[E (0"2 A1V A3 B"$ 8

O%AFB@LP@L DGID &D FIM DG@&- LCDJ A- .@BD DGID &D FIM DG@&-
&%D@-@MD DA HA%H&B&ID@ G&M : AB&%@MM R I%L IHHA-L&%PBJ I%
GC3KB@ 3@MMIP@ FIM &33@L&ID@BJ M@%D DA ; A3@ .-A3 DG@
HI3N ID >I-m M@DD&%P .A-DG A% DG@ A%@ GI%L DG@ MAB@3%
%IDC-@ A. DGh AKB&PID&A%M A. DG@ O&BP-&3M DA DG@ -@NCKB&H
I%L L@HBI-&%P A% DG@ ADG@- DG@&- N@-.@HD I%L C%I%&3ACM
L@M&-@ DA L@.@- &% IBB NA&%DM DA DG@ QCLP3@%D A. DG@ NAN@
*%%AH@%D FIM %AD C%3A'@L KJ DG&M M&P% A. HA%D-&D&A% I%L
-@MN@HDR DG@ @%'AJ A. A%D.@--IDA K-ACPGD KIHO DG@ KB@MM?
&%P I%L .A-P&'@%@MM A. DG@ : ABJ "IDG@-R I%L DG@ I-A%M
FG@% DG@J B@I-%D DG@ GINNJ -@MCBD A. DG@&- 3&MM&A% .@BD IM
&. I F@&PGD GIL K@@% -@3A'@L .-A3 DG@&- G@I-DM G@
$@%@D&I%M A% DG@ HA%D-I-J F@-@ IB&O@ L@I. DA DG-@IDM I%L
MAB&H&DID&A%M R DG@&- MGI-@ A. DG@ MNA&BM A. >I-I FIM LCBJ
HBI&3@L I%L -&P&LBJ INN-AN-&ID@LR DG@ : C%PI-&I%-I3NI-D
HA%D&PCACM DA DG@ GI-KAC- FIM B@'@BB@L F&DG DG@ P-AC%L
KJ DG@A-L@- A. G&M @-@%&DJR I%L <I%LABA F&DGACD L@&P%?
&%P DA IMO NI-LA% A- IKMABCD&A% 3@-@BJ &%D&3ID@L DA DG@
NINIB &%D@-%C%H&A &% BI%PCIP@ HAC-D@ACM KCD .&-3 DGID
&% DG@ I..I&-M A. DG@ -@NCKB&H DG@ : ABJ @@ HACBL GI-LBJ
.@@B I% &%D@-@MD I%L MC-@BJ GIL %A HA%H@-% +U A-@A'@- DG@ LAP@ G@M&DID@L %AD DA @TN-@MM G&M MD-A%P N@-MCIM&A%

± ! ! ! ! ! , ! ! ! * ! * ! ' % ! ! ! & \ ' ! ! , % ! ' % ' ! ' ! 9 ! * (, *'@ #$%& 4 ! * ! ! , #$%G 4 ' ! * (, *'/ #$% 0) ' * >:Y $ B * #$%$ '' ' % 6 9 ! 2 ' 2 b , P ' 6 &! ! ! , %

8,

DGIDFACBLK@G&PGBJ@TN@L&@%DC%L@-@T&MD&%PH&-?
HC3MDI%H@MDANAMDNA%@DG@&-L@NI-DC-@D&BBDG@MN-&%P
:@-@N-@M@%D@LDADG@3DG@BID@%@MMA.DG@M@IMA%Z A?
'@3K@-[I%LDG@B@%PDGA.DG@'AJIP@FG&HGDG@JF@-@
IKACDDACL@-DIO@ :@NA&%D@LACDDG@-&MODFG&HG
%@H@MMI-&BJIDD@%L@LDG@NIMMIP@DADG@:ABJI%LA'@-I
N-@HI-&ACM@B@3@%D&%&%HB@3@%DI%LD@3N@MDCACMF@IDG@-
:@2-@3&%L@LDG@3DGIDDG@JF@-@PA&%P&%DAIL&MDI%D
I%LGAMD&B@HAC%D-J"&%IBBJG@MG@F@LDG@3GAF&%?
.&%&D@BJ3A-@QCL&H&ACM&DFACBLK@DAF&%D@-IDI>I-I
FG@-@DG@-@FIMMNIH&ACMMDIKB&%P.A-DG@KA-M@MI%L
HA%'@%&@%DKI--IHOM.A-DG@D-AANMI%LDA-@MC3@G@&-
N&BP-&3IP@&%DG@@I-BJNI-DA. E G&MKABLI%L
%A'@BN-ANAM&D&A%FIMIDI.&-MD'@G@3@%DBJANNAM@L A3@
A.DG@HG&@.ML@HB&%@LIBDAP@DG@-DA@%D@-DI&%&D @'@-IB
A.DG@3F@-@%ADC%-@IMA%IKBJI.-I&LDGIDKJMCHGI'F&L@
I%L3I%&.@MDL@'&ID&A%.-A3G&M&%QC%HD&A%MDG@JFACBL
L-IFLAF%A%DG@&-G@ILMDG@M@'@-@MDL&MNB@IMC-@A.
*%%AH@%D @DA%I'HIB3MC-'@JA.DG@&-NAM&D&A%I%L
N-AMN@HDMDG@-@INN@I-@LDAK@&%-@IB&DJ%AIBD@-%ID&'@R
F&DGACDDG@3@I%MA.D-I%MNA-D&DFIM'AK'&ACMDGIDDG@
@TN@L&D&A%HACBL%ADN-AH@@LRDG@3IL%@MMA-I-DG@-DG@
&3NAMM&K&B&DJA.MDI-D&%P.A-DG@&-L@MD&%ID&A%LC-&%PDG@
N-@M@%DJ@I-FIMHB@I-BJL@3A%MD-ID@LKJDG@&-IBBJRI%L
DG@J.@BDIMMC-@L'DGIDDG@BIDD@-FACBL%ADK@@IM&BJMGIO@%
&%DG@-@MABCD&A%FG&HGG@M@@3@LDAGI'@.A-3@L DA
@TD@%LDG@N@-&ALA.DG@&-MDIJID>I-ID&BBDG@MN-&%P
*%L@@L I.D@-I%I%P-JHA%D-A'@-MJF&DGDG@NINIB#IKIB
FGAA.HAC-M@C-P@LI'B&D@-IBILG@-@%H@DA'DG@HA33I%LM

A.' DG@' : ABJ' @@' <I%LABA' MCHH@@L@L' &%' K-&%P&%P' DG@' 3I?
QA-&DJ' &%DA' G&M' '&@FMR' I%L' &%MD@IL' A.' @3KI-O&%P' .A-' DG@'
!IMD' IM' &D' 3&PGD' GI'@' K@@%' B@L' DA' @TN@HD' DG@' -3J' FIM'
A-L@&L@L' &%DA F&%D@-' SCI-D@-M' G@' LAP@' G&3M@B.' AHHCN&@L'
I' NIBIH@' FG&HG' GIL' K@BA%P@L' DA' A%@' A.' DG@' N-&%H&NIB' 3@-?
HGI%DM' A.' DG@' NBIH@R' DG@' I-SC&M' A%&.IH@' DG@' #AC%D'
IBLF&%' DG@' #AC%D' A.' BA&M' I%L' DG@' ADG@-' B@IL@-M' A.' DG@'
#-CMIL@' F@-@' B&O@F&M@' BALP@L' &%' I' 3I%%@-' MC&DIKB@' DA'
DG@&-' -I%O' I%L' L&P%&DJR' I%L' DG@&-' .ABBAF@-M' L&MD-&KCD@L'
DG-ACPG' DG@' H&DJ' I%L' &DM' @%'&-A%M' GIL' IB-@ILJ' K@PC%' DA'
&%LCBP@' &%' MN@HCBID&A%M' A%' DG@' N-AKIK&B&DJ' A.' I%' @I-BJ' L@'
NI&D&&-@' I%L' I' BA%P' HI3NI&P%' FG@%' I%' &%H&L@%D' AHHC--@L'
FG&HG' HGI%P@L' DG@' FGAB@' IMN@HD' A.' I..I&-M' I%L' PI'@' &%' DG@'
@%L' I%' @%D&-@BJ' %@F' L&-@HD&A%' DA' DG@' .&.DG' #-CMIL@' Z<@?
H@3K@-' [

D' DG@' AN@%&%P' A.' DG@' DG&-D@@%DG' H@%DC-J' DG@' H-AF%M'
A.' DG@' !IMD@-%' I%L' @MD@-%' @3N&-@M' F@-@' IB&O@' FA-%' KJ'
CM3UN@-M' *%' 1@-3I%J' 0G&B&N' <CO@' A.' CIK&I' MFIJ@L'
DG@' MH@ND-@' FG&HG' K@BA%P@L' KJ' -&PGD' A.' L@MH@%D' DA' "-@L@-&H'
DG@' MA%' A.' :@%-J' $*' D' #A%MDI%D&%ANB@' *MIIH' %P@BCM'
#A3%@%I' MID' CNA%' DG@' DG-A%@' FG&HG' G@' GIL MDI&%@L' F&DG'
DG@' KBAAL' A.' G&M' O&%M3I%' I%L' N-@L@H@MMA-' %L-AC&HCM'
' 3ID-&3A%&IB' IBB&I%H@' 3A-@A'@-' HA%%@HD@L' DG@' -AJIB'
GACM@M' A.' DG@' !IMD' I%L' @MD' *-@%@' DG@' LICPGD@-' A.' *MIIH'
MGI-@L' DG@' .A-DC%@M' A.' DG@' <CO@' A.' CIK&IR' I%L' G@-' C%&A%'
FG&HG' 3&PGD' GI'@' K@@%' IHH@B@-ID@L' KJ' DB&@' N-AMN@HD' FIM' ID'
B@IMD' KB@MM@L' &%' DG@' GAC-' A.' IL'@-M&DJ' *%' ' B@T&CM'
ZDG@' @BL@-[' DG@' C%HB@' A.' DG@' JVI%D&%@' N-&%H@MM' FGA3' G&M'
' K-ADG@-' *MIIH' GIL' -@L@@3@L' .-A3' HIND&'&DJ' I%L' -@HIBB@L'
.-A3' @T&B@' .A-PAD' DG@' O&%L%@MM' I%L' &3&DID@L' DG@' KI-KI-&DJ

FACBL' N-@.@-' DG@' HBI&3' A.' DG@' @BL@-' B@T&CM' I%L' @'@%' DGAM@' FGA' GIL' %AF' K@PC%' DA' &%HB&%@' DA' DG@' AN&%&A%' DGID' &D' FIM' C%MI.@' DA' 3I-HG' A%' 5@-CMIB@3' F&DGACD' DG@' O@JM' A.' #A%MDI%D&CA&L@' %IDC-IBBJ' -@PI-L@L' F&DG' MCMN&H&A%' I%L' L&M? D-CMD' DG@' @TD-I''IPI%D' N-A3&M@M' A.' I' JACDG' I%L' I%' @T&B@

"A-DC%ID@BJ' GAF@'@&' .A-' B@T&CM' &D' GIL' GINN@%@L' DGID' DG@' LAP@' I%L' DG@' I-SC&M' A.' A%D.@--IDA' F@-@' B@L' KJ' L&.? .@-@%D' 3AD&'@M' DA' '&@F' DG@' 3IDD@-' &%' I' 3A-@' .I'AC-IKB@' B&PGD' A%&.IH@' A%' G&M' NI-D' FGA' FIM' HA%%@HD@L' KJ' 3I-? -&IP@' F&DG' *MIIH' %P@BIM' #A3%@%I+' FIM' N@-MA%IBBJ' F@BB' L&MNAM@L' DA' @MNACM@' DG@' HICM@' I%L' DA' '&%L&HID@' DG@' F-A%PM' A.' G&M' -AJIB' O&%M3I%' DAFI-L' FGA3' G@' HG@-&MG@L' I'.@@B&%P' A.' I..@HD&A%ID@' MJ3NIDGJR' I%L' <I%LABA' FGA' .A-@MIF' DG@' P-@ID' HA33@-H&IB' IL'I%DIP@' FG&HG' G&M' HAC%D-J' 3&PGD' L@? -&'@' .-A3' DG@' L&MD-@MM' A.' DG@' 1-@@O' N-&%H@' @IP@-BJ' QA&%@L' F&DG' DG@' 3I-SC&M' &%' MCNNA-D&%P' DG@' INN@IB' A.' B@T&CM' I%L' &%' C-P&%P' DG@' @TN@L&@%HJ' A.' IMH@-DI&%&%P' .-A3' OG&B&N' FG@DG@-' &.' DG@' O&BP-&3M' HA%M@%D@L' DA' CNGABL' DG@' N-@D@%? M&A%M' A.' DG@' %P@B&' DA' DG@' &3N@-&IB' DG-A%@' A.' DG@' !IMD' G@' FIM' F&BB&%P' DA' D-@ID' I%L' %@PAD&ID@' F&DG' DG@3' A%' K@GIB.' A.' G&M' JACDG.CB' -@BID&J@' G@' '&@FM' A.' A&&D.@--IDA' I%L' DG@' LAP@' CBD&3ID@BJ' N-@'I&B@LR' I'.@F' F@@OM' N-&A-' DA' DG@' @3? KI-OID&A%' A.' DG@' ID&%M' ID' &LA' I%' @3KIMMJ' GIL' K@@%' M@%D' A%' DG&M' &3NA-DI%D' 3&MM&A%' DA' $@-A%IR' I%L' &D' FIM' DG@' -@DC-%' A.' DGID' @3KIMMJ' IHHA3NI%&@L' KJ' A%@' .-A3' DG@' 1@-3I%' @3N@-A-' FG&HG' %AF' I--@MD@L' DG@' IDD@%D&A%' A.' DG@' HA%SC@-A-M' A.' >I-I

G@' -@N-@M@%DID&'@M' A.' OG&B&N' F@-@' ID' A%H@' IL3&DD@L' DA' I%' ICL&@%H@' A.' DG@' HG&@.M' FGA' GIL' 3@D' &%' HAC%H&B' ID' DG@

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-@M&L@%H@' A.' < I%LABAR' I%L ' I .D@-' DG@' CMCIB' .A-3 IB&D&@M ' A%@' A.' DG@3 ' IHD&%P' A%' K@GIB.' A.' DG@' -@MD ' BI&L' K@.A-@' DG@' ID&%M' DG@' I-D&HB@M' I%L' ACDB&%@' A.' I' D-@IDJ ' *.' ZMI&L' DG@' A-IDA-[' DG @ BU@%HG' I%L' $@%@D&I%M' FACBL' @%PIP@ ' I%L' MGACBL' MCH? H@@L ' &%' -@&%MDID&%P' DG@' B@P&D&3 ID@' N-&%H@' A%' DG@' DG-A%@' A.' #A%MDI%D&%ANB@ ' DG@' a&%P' A.' DG@' ; A3 I%M' ZMCHG' FIM' DG@' D&DB@ ' FG&HG' OG&B&N' IMMC3@L[' MD&NCBID@L' &%' DG@' %I3@' A.' G&M' K-ADG@- &% BIF ' DGID ' A%' G&M' IHH@MM&A%' DA' NAF@- ' B@T&CM' FACBL' -@MDA-@' DG@ I%H&@%D' C%&DJ' A.' DG@' #GC-HG ' I%L' IH? O%AFB@LP@' DG@' MN&-&DCIB' MCN-@3 IHJ' A.' DG@' OBABJ' @@R' DGID' G@' FACBL' NIJ' DA' DG@' -@NCKB&H' A.' $@%&H@' I' MC3' A. ' 3I-OM' A.' M&B'@-' FG&HG' GIL' K@@%' AF&%P' DA' G@-' KJ' DG@' JVI%D&%@' HAC-D' M&%H@' DG@' J@I-' / R+' DGID' G@' FACBL' @&DG@-' IHHA3NI%J' DG@' O&BP-&3M' DA' OIB@MD&%@' &%' N@-MA% ' A-' L@.-IJ' DG@' HAMD' A.' 3I&%DI&%&%P' .A-' A%@' J@I-' I%' ICT&B&I-J' .A-H@' A.' ' 3@%R' I%L' DGID' G@' FACBL' O@@N' A%' .AAD' LC-&%P' G&M' B&.@ ' I' PCI-L 'A.' .&'@' GC%L-@L' O%&PGDM' .A-' DG@' N-AD@HD&A%' A.' DG@' @NCBHG-@ ' G@'@%'AJM' A.' DG@'@3N@-A-' GI '&%P' MN@H&.&@L' DG@M@' IM' DG@' HA%L&D&A%M ' FG&HG' DG@&-' 3IMD@-' FIM' N-@NI-@L' DA' MCKMH-&K@' A%' K@GIB.' A.' DG@' JAC%P' B@T&CM ' F&DGL-@F' .-A3' DG@' N-@M@%H@R' DG@&-' F&DGL-IFIB' .A-3@L' DG@' M&P%IB' .A-' DG@' HA33@%H@3@%D' A.' I' .&@-H@' I%L' I%P-J' HA%? D-A'@-MJ' K@DF@@%' DG@' @3&MMI-&@M' A.' DG@' $ID&HI%' I%L' DG@' MCNNA-D@-M' A.' < I%LABA ' %' DG@' A%@' GI%L ' IM' 3&PGD' GI'@' K@@%' I%D&H&NID@L ' DG@' #IKIB ' FGA' BAAO@L' A%' &3NB&H&D' MCK? 3&MM&A%' DA' DG@' NAN@' IM' DG@' N-&3I-J' I-D&HB@' A.' .I&DG ' BACLBJ' I%L' '@G@3@%DBJ' L@H-&@L' DG@' %@F' N-ANAMIB' IM' L&I3@D-&HIBBJ' ANNAM@L' DA' DG@' F&MG@M' A.' *%%AH@%DR' I%L' $ICT @3IJ

Q B ' 78' .8E ' ' '*' /=>:Y' 3 ' ' ' ',' * D:' #

‘ = 0> [‘ 0"2 A1V‘ A3‘ B"$ ‘ =

@TN-@MM@L‘ G&3M@B.‘ .&-3‘ &%‘ DG@‘ K@B&@.‘ DGI‘ DG@‘ HC-M@‘ A.‘ : @I'@%‘ FACBL‘ K@‘ CNA%‘ DG@3‘ &.‘ DG@J‘ PI'@‘ @I-‘ DA‘ &D‘ %‘ DG@‘ ADG@-‘ GI%L‘ DG@‘ KKW‘ L@‘ AH@M‘ FGA‘ FIM‘ 3A-@‘ $@%@? D&I%‘ &%‘ G&M‘ 3IL@‘ A.‘ DG&%O&%P‘ HA%D@%L@L‘ DGI‘ DG@‘ L@B&'@-? I%H@‘ A.‘ DG@‘ : ABJ‘ OBIH@M‘ HACBL‘ A%BJ‘ K@‘ IHG&@'@L‘ &%‘ 1-@@H@‘ A-‘ &%‘ !PJND‘ I%L‘ DGI‘ MA‘ BA%P‘ IM‘ DG@‘ IGA33@LI%‘ &%? .BC@%H@‘ N-@LA3&%ID@L‘ &%‘ DG@‘ BIDD@-‘ HAC%D-J‘ I%L‘ I‘ N-&%H@‘ FGA‘ IDD@3ND@L‘ DA‘ L&MPC&M@‘ G&M‘ F@IO%@MM‘ KJ‘ BI'&MG&%P‘ MCKM&L&@M‘ I%L‘ MCNNB&@M‘ A%‘ DG@‘ &%.&L@BM‘ -@&P%@L‘ ID‘ #A%? MDI%D&%ANB@ +‘ DG@J‘ GIL‘ B&DDB@‘ P-AC%L‘ .A-‘ @TN@HD&%P‘ DA‘ MI'@‘ OIB@MD&%@‘ A-‘ DA‘ -@HA'@-‘ 5@-CMIB@3‘ J‘ DG@M@‘ DFA‘ AN&? %&A%M‘ DG@‘ #AC%H&B‘ A.‘ >I-I‘ FIM‘ L&'&L@L‘ GID‘ A.‘ $ICT‘ @-%IJ‘ FIM‘ M@HA%L@L‘ KJ‘ DG@‘ #AC%D‘ A.‘ A%D.A-D‘ I-D&%‘ &V‘ I%L‘ I‘ .@F‘ ADG@-‘ @3&%@%D‘ OIN&MDMR‘ DGID‘ A.‘ DG@‘ KKW‘ L@‘ AH@M‘ FIM‘ MGI-@L‘ KJ‘ DG@‘ <AP@‘ A.‘ $@%&H@‘ KJ‘ DG@‘ I-? SC&M‘ A.‘ A%D.@--IDA‘ FGA‘ FIM‘ I%T&ACM‘ DA‘ F&%‘ I‘ MH@ND-@‘ .A-‘ G&M‘ -@BID&'@ = .A-‘ G&3M@B.‘ ID‘ B@IMD‘ I‘ %I3@‘ I%L‘ KJ‘ M@'@-IB‘ A.‘ DG@‘ "-@%HG‘ I-A%M‘ FGAM@‘ JACDG‘ I%L‘ &%@TN@? -&@%H@‘ N-A3ND@L‘ DG@3‘ %AD‘ C%%IDC-IBBJ‘ DA‘ IMM&3&BID@‘ DG@‘ '&@FM‘ A.‘ <I%LABA‘ G@‘ .A-3@-‘ -@N-@M@%D@L‘ I‘ NI-DJ‘ KABL‘ %%L‘ MO&B.CB‘ &%‘ I-PC3@%D‘ @BASC@%D‘ I%L‘ -@ILJ‘ &%‘ MN@@HG‘ KCD‘ %I--AF 3&%L@L‘ N-@QCL&H@L‘ MCN@-MD&D&ACM‘ R‘ DG@‘ BIDD@-‘ FIM‘ DG@‘ A-PI%‘ A.‘ A%@‘ ID‘ B@IMD‘ FGA‘ GID@L‘ DG@‘ -@&P%&%P‘ LJ%IMDJ‘ IM‘ DG@‘ @%@3&@M‘ A.‘ G&M‘ HAC%D-J‘ I%L‘ A.‘ 3I%J‘ FGA‘ MCMN@HD@L‘ I%L‘ L@%AC%H@L‘ &D‘ IM‘ DG@‘ IBBJ‘ A.‘ DG@‘ IGA3‘ 3@LI%M‘ GCM‘ F&DG‘ DG@‘ @TH@ND&A%‘ N.‘ DG@‘ #IKIB‘ DG@‘ 3@3K@-M‘ A.‘ FG&HG‘ I%%AC%H@L‘ DG@&-‘ &%D@%D&A% = MGACBL

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S & ‘& ‘ ‘ ! ‘ ! ‘ ‘ ‘ ! ‘ 9 ! ' ' ‘& !‘* ‘
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0"2 A1V A B"$ = 0>

DG@ N-ANAMIB A. B@T&CM K@ ILAND@L = A.-@DC-%&%P DA DG@&- GA3@M A-@3KI&D&%P ID ADG@-NA-DM DG@ ID&%M IP-@@L&% -@PI-L&%P DG@ %@F MHG@3@ .-A3 I .I'AC-IKB@ NA&%D A. '&@FR I%L &D FIM HA%M@SC@%DBJ MAA% L@H&L@L DGID DG@ D@-3M FG&HG GIL K@@% A..@-@L KJ DG@ !3N@-A-A. 1@-? 3I%J MGACBL K@ IHH@ND@L I%L DG@ @TN@L&D&A% DA DG@ :ABJ I%L NAMDNA%@L C%D&B DG@O&BP-&3M GIL IM &D F@-H& N-@NI-@L DG@ FIJ .A- DG@ HA%SC@MD A.5@-CMIB@3 KJ -@&%? MDID&%P DG@ DFA %P@B& A% DG@ DG-A%@ A.DG@ !IMD

*D F&BB K@ GAF N-AN@-DA HA%M&L@- KJ FGID 3AD&'@ DG@ -@NCKB&H A.$@%&H@ FIM B@L DA @%D@-DI&% MA .I'AC-IKBJ DG@ N-AQ@HD A. DG@ O-&%H@ B@T&CM .A- L@NAM&%P DG@ -@&P%&%P K-I%HG A.DG@ GACM@ A.#A3%@%I I%L -@MDA-&%P DG@ @T&B@L LJ%IMDJ &% DG@ N@-MA% A.G&M .IDG@- DG@ C%.A-DC%ID@ *MIIH %P@BCM Q KJ FG&HG &% .IHD MG@ FIM B@L DA @%PIP@ F&DG MCHG V@IB I%L IBIH-&DJ &% I% C%L@-DIO&%P A. FG&HG DG@ CBD&3ID@ @..@HD 3&PGD K@ DA -@'ABCD&A%&V@ 1-@@H@ I%L @MDIKB&MG I %@F NAF@- ID #A%MDI%M&%ANB@ G&M 3AD&'@ INN@I-M DA GI'@ K@@% A. I 3&T@L %IDC-@ &D NI-DAAO A. DG@ I'I-&H@ A. I D-IL&%P HA33C%&DJ I%L DG@ I3K&D&A% A. I P-@ID 3I-&D&3@ DID@ @ GI'@ IB-@ILJ M@@% GAF LC-&%P DG@ %&%DG I%L D@%DG H@%DC-&@M DG@ <CHI@ I%L G@ANG&B& '&@L F&DG @IHG ADG@- &% BI'&MG&%P GA%AC-M I%L .I'AC-M .-I%HG&M@M I%L &33C%&D&@M A.@'@-J O&%L A% DG@ HABA%&MDM A.DG@ L-&ID&H BIPAA% FGA MG@F@L DG@3? M@B'@M AKM@SC&ACM HAC-D&@-M I%L 3&PGD &D FIM .@BD N-A'@ CM@.CB IBB&@MR I%L F@ GI'@ M@@% GAF N-@'&ACMBJ DA DG@ -&M@ I%L IPP-I%L&M@3@%D A.DG@ #A33C%@M A.1@%AI I%L O&MI -@BID&A%M A.DG@ HBAM@MD &%D&3IHJ MCKM&MD@L K@DF@@% DG@ $@%@D&I%M I%L DG@ AF@- !3N&-@ G@HIM@ FIM %AF

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DAAOʻG@@LʻDAʻN-@M@%DʻDG@ʻSC@MD&A%ʻ&%ʻ FGIDʻDG@JʻHA%M&L@-@LʻDAʻK@ʻDG@ʻHB@I-@MDʻI%Lʻ 3AMDʻ.A-H&KB@ʻB&PGDʻRʻDG@JʻI-PC@LʻDG@Jʻ@TNAMDCBID@LʻDG@JʻIB3AMDʻDG-@ID@%@LʻRʻI%LʻMCHGʻIN? N@I-MʻDAʻGI'@ʻK@@%ʻDG@&-ʻ&3NA-DC%IHJʻDGIDʻ5MIIHʻIDʻBIMDʻ I.&@HD@LʻDAʻJ&@BLʻDG@ʻNA&%DʻI%LʻN-A3&M@LʻDAʻIHH@L@ʻDAʻDG@&-ʻF&MG@MʻZ"@K-CI-Jʻ 88[ʻ G&Mʻ.@&%DʻFG&HGʻM@-'@LʻDAʻNAMDNA%@ʻF&DGACDʻ&%ʻI%JʻL@P-@@ʻ.IH&B&DID&%PʻDG@ʻM@DDB@? 3@%DʻA.ʻDG@ʻL&..@-@%H@ʻI..A-L@LʻIʻD-&IBʻA.ʻDG@ʻNID&@%H@ʻA.ʻ DG@ʻ-@NCKB&HʻD&BBʻ ʻRʻI%LʻLC-&%PʻDGIDʻN@-&AL ʻMG@ʻHA%? D&%C@LʻDAʻK-&%PʻG@-ʻHBI&3Mʻ.-A3ʻD&3@ʻDAʻD&3@ʻC%L@-ʻDG@ʻ %AD&H@ʻA.ʻDG@ʻ 1-@@OʻPA'@-%3@%Dʻ *%ʻ ʻGAF@'@-ʻ *MIIHʻG&3M@B.ʻFIMʻL@DG-A%@LʻI%LʻHIMDʻ&%DAʻN-&MA%ʻKJʻG&Mʻ K-ADG@-ʻ B@T&CMʻ %P@BCMʻ#A3%@%I'RʻI%Lʻ --&PAʻ<I%LABAʻ FGAʻGILʻDG@%ʻMCHH@@L@LʻDAʻDG@ʻLAPID@ʻI%T&ACMʻDAʻK-&%Pʻ DG@ʻ 3IDD@-ʻDAʻIʻMN@@LJI%LʻMID&M.IHDA-JʻHA%HBCM&A%ʻIH? H-@L&D@Lʻ;@%&@-Aʻ>@%AʻI%LʻI-&%Aʻ IB&N&@-AʻDG@ʻMA%ʻA.ʻ G&MʻN-@L@H@MMA-ʻDAʻDG@ʻHAC-DʻA.ʻ#A%MDI%D&%ANB@ʻ&%ʻA-L@-ʻ DGIDʻ&Dʻ3&PGDʻK@ʻIMH@-DI&%@LʻGAFʻ.I-ʻDG@ʻ-@H@%DʻNAB&D&HIBʻ HGI%P@ʻI..@HD@LʻDG@ʻN-AMN@HDMʻA.ʻG&MʻHAC%D-Jʻ >@%AʻI%LʻG&MʻHA3NI%&A%ʻ.AC%LʻB@T&CMʻI..IKB@ʻNAB&D@ʻI%LʻI3K&PC? ACMʻ :@ʻFIMʻH@-DI&%BJʻN-@NI-@LʻDAʻ-@HAP%&V@ʻI%Lʻ-@%@Fʻ DG@ʻHG-JMAKAB@ʻRʻKCDʻG@ʻFIMʻ-@BCHDI%Dʻ'@-Jʻ-@BCHDI%DʻDAʻ ILANDʻDGhʻB&IK&B&DJʻFG&HGʻG@ʻFIMʻDICPGDʻDAʻHA%M&L@-ʻDGIDʻ G@ʻGILʻ&%G@-&D@LʻF&DGʻG&MʻH-AF%ʻ DʻDG@ʻMI3@ʻD&3@ʻG&Mʻ IQ@MDJʻFIMʻL&MNAM@LʻDAʻMCPP@MDʻH@-DI&%ʻ3AL&.&HID&A%Mʻ FG&HGʻG@ʻNC-NAM@LʻDAʻMCK3&DʻDG-ACPGʻG&MʻI3KIMMILA-ʻ 5AGI%%@Mʻ#IDI.BA-CMʻDAʻDG@ʻ$@%@D&I%ʻPA'@-%3@%Dʻ G@ʻ D@-3Mʻ A.ʻFG&HGʻ#IDI.BA-CMʻFIMʻDG@ʻK@I-@-ʻ3@DʻGAF@'@-ʻ F&DGʻB&DDB@ʻ.I'AC-ʻRʻIʻM@HA%LʻIDD@3NDʻA%ʻDG@ʻNI-DʻA.ʻDG@ʻ -@NCKB&HʻDAʻ@..@HDʻI%ʻI3&HIKB@ʻILQCMD3@%DʻA.ʻDG@ʻNA&%DʻID

&MMC@' FIM' @SCIBBJ' C%MCHH@MM.CBR' I%L' ID' B@%PDG' <I%LABAR'
P-AF&%P' F@I-J' A.' DG@M@' NIBD-J' I%L' SC&KKB&%P' @'IM&A%M'
M@%D' KIHO' _C&-&%&' I%L' &HG&@B&' FGA' GIL' IB-@ILJ' P&'@%'
N-AA.' A.' DG@&|' L&NBA3ID&H' IK&B&D&@M' F&DG' I' NBI&%' &%D&3ID&A%'
DGID' MGACBL' DG@' &3N@-&IB' PA'@-%3@%D' MD&B' N@-M&MD' &%' &M'
-@.CMIB' DA' HA3NBJ' F&DG' DG@' .I&-' L@3I%L' A.' DG@' $@%@D&I%M'
DG@' BIDD@-' GIL' L@D@-3&%@L' DA' MCNNA-D' DG@' %AD' C%.AC%L@L'
N-@D@%M&A%M' A.' DG@' MA%' A.' *MIIH' DA' DGh' DG-A%@' A.' 1-@@H@

G&M' KABL' MD@N' M@@3@L' ID' .&-MD' DA' GI'@' N-ALCH@L' DGh'
L@M&-@L' @..@HD' B@T&CM' IBI-3@L' A-' ID' B@IMD' .@&P%&%P'
IBI-3' ID' DG@' DG-@ID' HA%'@J@L' &%' DG@' 3@MMIP@' A.' <I%LABAR'
N-A3&M@L' F&DGACD' .I-DG@-' G@M&DID&A%' DA' B&SC&LID@' DG@' L@KDR'
IM' F@BB' IM' DA' &%'@MD&PID@' I%J' ADG@-' HBI&3M' @&DG@Q' A.' I' N-&?
'ID@' A-' NCKB&H' HGI-IHD@-' FG&HG' DG@' -@NCKB&H' 3&PGD' DG&%O'
N-AN@-' DA' IL'I%H@' A-@A'@-' G@' A..@-@L' A.' G&M' AF%' IH?
HA-L' DA' &%D-ALCH@' M@'@-IB' HBICM@M' &%DA' DG@' HGI&D@-' A.' 88R'
I%L' KJ' I' %@F' HG-JMAKAB@' K@I-&%P' LIDW' A'@3K@-' 8'
I' .&U@@' D-IL@' FIM' @MDIKB&MG@L' K@DF@@%' DG@' BIPAA%' I%L' IBB'
' 1-@@O' NA-DM' .-A3' #I%L&I' DA' <C-IVVA' I%L' .-p3' <C-IVVA'
DA' DG@' 1ABL@%' : A-%' G&M' HA%H@MM&A%' DGACPG' &%' &DM@B.'
&3NA-DI%D' FIM' C%IHHA3NI%&@L' GAF@'@-' KJ' I%J' -@3A'IB'
A.' DG@' @T&MD&%P' P-AC%LM' A.' HA3NBI&%DR' DG@' J@I-' 'I%L'
'NIMM@L' F&DGACD' N-ALCH&%P' I' .-IHD&A%' A.' DG@' '
3I-OM'R I%L' F@' 3IJ'QCLP@' DA' MA3@' @TD@%D' GAF' &33&%@%D'
I' -CNDC-@' FIM' K@DF@@%' 1-@@H@' I%L' DG@' -@NCKB&H' ID' DG@'
N@-&AL' A.' DG@' NCKB&HID&A%' A.' DG@' .&.DG' #- MIL@' ZGIL' %AD'
ADG@-' HICM@M' MCN@-'@%@L' DA' IHH@B@-ID@' DG@' H-&M&M[' .-A3' DG@'
M&P%&.&HI%D' .IHD' DGID' '@-J' MGA-DBJ' I.D@-' DG@' I--&'IB' A.' DG@'
I-MGIB' A.' #GI3NIP%@' I%L' G&M' HA3.&I%&A%M' ID' ;&IBDA' &%&
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DG@ "@K-CI-J A. 5IHANA ILA@- -@H@&'@L &%MD-CH? D&A%M .-A3 DG@ LAP@ DA N-AH@@L DA DG@ HAC-D A. -3@%&I I%L DA @%L@I'AC- DA N-@'I&B N% DG@ O&%P A. DGID HAC%D-J DA IHHA-L I D-IL&%P HGI-D@- DA DG@ 3@-HGI%DM A.+$@%&H@ +

*. DAA F@ 3&PGD P&'@ H-@L@%H@ DA @-%I-L DG@ D-@IMC-@- I%L DG@ HA%D&CCIDA- A. &BB&I3 A. J-@ DG@ -@NCKB&H GIL J@D I%ADG@- AKQ@HD &% @%D@-&%P MA FI-3BJ &%DA DG@ '&@FM A. DG@ O-&%H@ B@T&CM G@M@ DFA F-&D@-M &% @%L@I'AC-? &%P DA @TNBI&% DG@ MCLL@% I%L IM &D 3&PGD M@@3 ADG@-? F&M@ C%IHHAC%DIKB@ HGI%P@ A. DG@ L@MD&%ID&A% A. DG@ .&.DG #-CMIL@ .-A3 !PJND DA #A%MDI%D&%ANB@ IBB@P@ DGID IB@O L@B CBDI% A. <I3IMHCM IBI-3@L KJ DG@ N-AMN@HD&'@ &%'IM&A% A. OIB@MD&%@ KJ MA 3&PGDJ I GAMD 3IL@ M@H-@D A'@-DC-@M DA DG@ -@NCKB&H &% DG@ HAC-M@ A. A..@-&%P G@- I BI-P@ N-@M@%D &% 3A%@J I%L H@-DI&% %@F N-&'&B@P@M A. I HA33@-H&IB HGI-IHD@- &% DG@ NA-D A. B@TI%L-&I A% DG@ HA%L&D&A% DGID G@- PA'@-%3@%D MGACBL @T@-D DG@&- CD3AMD &%.BC@%H@ DA H-@ID@ DG@ &3NA-DI%D L&'@-M&A% &% SC@MD&A% *D &M AK'&ACM DGID '&. &D F@-@ F@BB .AC%L@L DG&M FACBL K@ I '@-J P-I'@ I%L M@-&ACM HGI-P@R KCD DG@ .IHD &M DGID &D GIM %@'@- K@@% MCKMDI%D&ID@L *D &M L&MH-@L&D@L KJ <I3 I%L DG@ G&MDA-&I% A. DG@ #-IMIL@M *D &M NIMM@L &% M&B@%H@ KJ &H@DIM I%L $&BB@GI-LAC&% KADG HA%D@3? NA-I-&@M DG@ .A-3@- %ADA-&ACMBJ I% @%@3J A. DG@ $@%@? D&I% HICM@ IMDBJ &D &M A'@-BAAO@L KJ &M3A%L&Q I%L A% AC- NI-D F@ .@@B HA%.&L@%D DGID DG@ MDA-J 3IJK@ L&M

G 9 7,* :Y ** *6' *'*>:' "' !. /' '7 ** ≠*'>D :' !' % & ' ' ' 'C 5 %' "' ' ' ' +8 =

3&MM@L I A%@ A.DGAM@ 3IB&H&ACM .IK-&HID&A%M F&DG FG&HG DG@ OINIB #IKIB L@B&PGD@L DA P-ID&.J DG@&- '&AB@%D I%L &--@ HA%H&B@IKB@ I%D&NIDGJ DA <I%LABA I%L DG@ -@NCKB&H

D&BB GAF@'@- FG&B@ F@ MGACBL L&MHAC%D@%I%H@ .G@ %AD&A% DGID DG@ $@%@D&I% PA'@-%%&@%D MC..@-@L DG@3M@B'@M DA K@ HA--CND@L KJ }PJND&I% PABL IM 'A&L A. .AC%LID&A% F@ HI%%AD KCD DG&%O &D @TD-@3@BJ N-AKIKB@ DGID INI-D .-A3 MCHG I 3AD&'@ <I%LABA I%L G&M IL'&M@-M F@-@ -WIBBJ I%T&ACM DA I'A&L I -CNDC-@ F&DG IB@O L@B "A- ID N-@M@%D DGID N-&%H@ FIM &% MA3@ M@%M@ DG@&-' IBBJ *% IBB DG@ NA-DM A. !PJND I%L OIB@MD&%@ FG&HG BIJ F&DG&% G&M LA3&%&A%M DG@ -@NCKB&H IB-@ILJ @%QAJ@L 3I%J 'IBCIKB@ N-&'&B@P@M I%L &33C%&D&@MR I%L KJ HBAM&%P DGAM@ NA-DM IPI&%MD DG@ $@%@D&I%.BIP IB@O FIM &% I NAM&D&A% DA MD-&O@ I D@--&KB@ KBAF ID G@- -&@%DIB D-IL@ %DG@ ADG@-' GI%L IM F@ GI'@ IB-@ILJ AKM@-'@L DG@ -@BID&A%M A. $@%&H@ F&DG DG@ @3N&-@ A. #A%MDI%D&%ANB@ GIL BA%P K@@% LCK&ACM I%L C%H@-DI&% DG@ N@-.&L&ACM I%L L&MGA%AC-IKB@ NAB&HJ A. DG@ JVI%D&%@ HAC-D GIL K@@% P-ILCIBBJ @MD-I%P&%P DG@ DFA OAF@-M .-A3 @IHG ADG@-' 3A-@ I%L 3A-@ R I%L &D FIM %AD L&.hHCBD DA M@@ DB&ID I MDA-3 FIM PIDG@-&%P &% DG@ GA-&VA% FG&H.& FACBL KC-MD ID %A -@3AD@ N@-&AL I%L &% &DM KC-MD? &%P MGIO@ DA DG@ KIM@ DG@ DADD@-&%P DG-A%@ A. DG@ #I@MI-M

&DGACD DG@-@.A-@ IL3&DD&%P @'@% IM I %@H@MMI-J GJ? NADG@M&M DG@ @T&MD@%H@ A. I M@H-@D C%L@-MDI%L&%P K@DF@@% DG@ -@NCKB&H I%L DGh CBDI% A. <I3IMHCM F@ 3IJ .I&-BJ K@B&@'@ DGID DG@ .A-3@-FIM &%.BC@%H@L &% G@- HA%LCHD KJ MCHG HA%M&L@-ID&A%M IM F@ GI'@ MCPP@MD@LR I%L DGID FG&B@ DG@J I&3@L ID 3I&%DI&%&%P DG@ I3&HIKB@ -@BID&A%M

FG&HG DG@% @T&MD@L K@DF@@% DG@3 I%L IB@O L@B DG@
$@%@D&I%M @3K-IH@L F&DG @IP@-%@MM I% ANNA-DC%&DJA.-@?
PI&%&%P DG@&-.A-3@-NAM&D&A% &% DG@ 1-@@O HIN&DIB I%LA.
NKDI&%&%P ID DG@ NA&%DA.DG@ MFA-L DG ID -@L-@MM FG&HG
GIL K@@% L@%&@L DA DG@&-@N@ID@L MAB&H&DID&A%M

: I'&%P L@H&L@L DG@% A% DG@ @TNWL&D&A% DA #A%MDI%D&?
%ANB@ DG@ ID&%MB@.D>I-I I.D@-I MDIJA.%@I-.&'h 3A%DGM
&% DG ID NBIH@ A% A%LIJ DG@ /DG N-&B E G@NI
BI%L@-M DG@ HI-&OM I%L DG@ D-I%MNA-DM B@L DG@ FIJR I%L
DG@ PIBB@JM K@I-&%P DG@ MABL&@-M I%L DG@&-HG&@.M F@-@
A% DG@ NA&%D A.ABBAF&%P &% DG@ FIO@ FG@% I BACL I%L
P@%@-IB MGACD IHHS3NI%&@L2KJ DG@ KBIMDM A.D-C3N@DM
+%%SC%H@L DG@ %%@TN@HD@L I--&'IBA. B@T&CM G&3M@B. G@
N-&%H@ FGA GIL D-I'@BB@L .-A3 $@-A%I DG-ACPG $@%&H@
FIM -@H@&'@L KJ A%D.@--IDA I%L DG@ LAP@ F&DG I..@H?
D&A%ID@ HAC-D@MJR I%L DG ID C%GINNJ JACDG FGAM@ F-A%PM
M@-'@L IM I P-AC%L I%L I N-@B@TD .A- DG@ I-3@L &%D@-?
.@-@%H@A. .A-@&P% OAF@-M @3K-IH@L F&DG DG@ NIMM&A%ID@
.@-JAC-A. -@'&'&%P GAN@ DG@ O%@@M A. I O&%M3I% I%L I
K@%@.IHDA- A%&.IH@ ID A%H@ N-@M@%D@L G&M FI-L DA DG@
D-AANM FGA F@BHA3@L G&3 F&DG IHHBI3ID&A%MR I%L <I%
LABA GI'&%P P&J@% G&3 I% @MHA-D MC&DIKB@ DA G&M-I%O I%L
L&P%&DJ M&P%&.&@L DG@ &%D@%D&A% A. DG@ O&BP-&3M DA IFI&D
G&M I--&'IB ID #A-.C FG@-@DG@ FGAB@ I-3I3@%D FACBL
IMM@3KB@ &% DG@ HAC-M@A. I.A-D%&PGD G@L@NI-DC-@A.
B@T&CM FGAM@ -@IMA% .A- M@NI-ID&%P MA MAA% .-A3 G&M
IBB&@M FIM &D FIM C%L@-MDAAL G&M F&MG DA '&M&D <C-IVVA
FIM HBAM@BJ .ABBAF@L KJ DG ID A. DG@ "-@%HG I%L $@%@D&I%MR
I%L IM DG@ BIMD PIB(@J HB@I-@L DG@ 3ACDG A. DG@ GI-KAC-

DG@' @J@' 3&PGD' -@IL&BJ' L&MD&%PC&MG' DGW' .A&3' A.' DG@' '@%@? -IKB@' LAP@' FGA' MDAAL' @-@HD' &%' DG@' N-AF' I%L' P-IMN@L' DG@' KI%%@-' A.' I&%D' I-O

G@' >I-@DQ%@M' A%' DG@&-' NI-D' GIL' FIDHG@L' DG@' 3A'@? 3@%DM' A.' DG@' #-CMIL@-M' F&DG' I%T&ACM' &3NID&@%H@+' I%L' DG@' .B@@D' FIM' GI-LBJ' ACD' A.' '&@F' FG@%' DG@J' @%B&MD@L' &%' DG@&-' M@-'&H@' I' .@F' I-3@L' PIBB@JM' K@BA%P&%P' DA' DG@' HA33C%@' A.' 1I@DI' @TN@BB@L' DG@' $@%@D&I%' ICDGA-&D&@M' I%L' IPI&%' L@? HBI-@L' DG@3M@B'@M' .A-' DG@' a&%P' A.' : C%PI-J' G@' -@NA-D' A.' DG&M' AHHC--@%H@' MAA%-@IHG@L' DG@' BIPAA%' I' M3IBB' MSCI? L-A%' FIM' ID' A%H@' L@MNIDHG@L' C%L@-' DG@' A-L@-M' A.' DG@' '&H@? LAP@' DA' MCNN-@MM' DG@' -@'ABD' I%L' DG@' -@K@BM' FGA' &%' DG@&-' N-@H&N&DID&A%' GIL' %AD' IBBAF@L' MC..&H&@%D' D&3@' .A-' DG@' -@NI&-' 3CHG' B@MM' DG@' -@MDA-ID&A%' A.' DG@&-' -I.D&NI-DM' F@-@' .A-H@L' DA' J&@BL' F&DGACD' I' MD-CPPB@' DA' ; @%&@-A' <I%LABA' G@' 3@-@' -@HA'@-J' A.' I' NBIH@' FG&HG' GIL' M@H@L@L' .-A3' G@-' IBB@P&I%H@' M&T' D&3@M' &%' DG@' HAC-M@' A.' I' H@%DC-J' I%L' I' GIB.' I%L' FG&HG' &%' I' .@F' 3A%DGM' 3&PGD' K@HA3@' I%' &3? N-@P%IKB@' .A-D-@MM' FIM' HA%M&L@-@L' GAF@'@-' MHI-H@BJ' I' MC..&H&@%D' M@HC-&DJ' .A-' DG@' .CDC-@' I%L' &D' FIM' .@BD' DA' K@' G&PGBJ' @TN@L&@%D' DG ID' DG@' -@BID&A%M' K@DF+@@%' DG@' -@NCKB&H' I%L' G@-' L@N@%L@%HJ' MGACBL' K@' @MDIKB&MG@L' F&DGACD' L@BIJ' A%' I' .&-3@-' I%L' 3A-@' &%D@BB&P&KB@' .AAD&%P' HHA-L&%PBJ' &%' DG@' 3A%DG' A.' N-&B' E' I' D-@IDJ' FIM' HA%HBCL@L' ID' ;&IBDA' KJ' FG&HG' DG@' >I-@D&%@M' @%PIP@L' DA' DIO@' I' .-@MG' AIDG' A.' IBB@P&I%H@' DA' $@%&H@' DA' NIJ' &%' N@-N@DC&DJ' DA' DG@' LCHIB' .&MH' I%' I%%CIB' D-&KCD@' A.' A%@' GC%L-@L' I%L' .&.DJ')) ' Zz, ['' DA' @B@HD' &%' IBB' HIM@M' IM' DG@&-' HAC%D' A-' +NAL@MDm' I' $@%@D&I%' H&D&V@%' FGAM@' %A3&%ID&A%' MGACBL' &%' @'@-J' &%MDI%H@' K@' MCKQ@HD' DA' DG@' .&%IB' INN-A'IB' A.' G&M

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@-@%&DJR DAʻ IHO%AFB@LP@ʻ DG@ʻ AK@L&@%H@ʻ FG&HGʻ FI&M LC@ʻ A%ʻ DG@ʻ NI-Dʻ A.ʻ DG@&-ʻ I-HGK&MGANʻ DAʻ DB&@ʻ 3@D-ANAB&DI%ʻ A.ʻ 1-ILAR DAʻ.C-%&MGʻ &%ʻ DG@ʻ @'@%D A.ʻ FI-ʻ I%ʻ I-3@Lʻ HA%? D&%P@%D A.ʻ DG&-DJʻ PIBB@JMʻ A-ʻMGACBLʻ DG@ʻ MHA%@ʻ A.ʻ IHD&A%ʻ @TD@%Lʻ K@JA%Lʻ DG@ʻ H&DJʻ A.ʻ ; IPCMIʻ IM BI-P@ʻ Iʻ %C3K@-ʻ IM DG@Jʻ 3&PGDʻ K@ʻ&%ʻ Iʻ NAM&D&A%ʻ DAʻ -I&M@ʻ I%Lʻ @SC&NR DAʻ M@B@HDʻ IM Iʻ 3ID@-&IB PCI-I%D@@ʻ DG&-DJʻ %AKB@ʻ GAMDIP@Mʻ DG@ʻ HAMD A.ʻ FGAM@ʻ 3I&%D@%I%H@ʻ IDʻ $@%&H@ʻ LC-&%Pʻ DG@ʻ NB@IMC-@ʻ A.ʻ DG@ʻ PA'@-%3@%D FIM DAʻ K@ʻ L@.-IJ@Lʻ KJʻ DG@&-ʻ AF%ʻ DAF%M? 3@%'R I%Lʻ BIMDBJʻ DAʻ-@.-I&%ʻ .-A3ʻ-@KC&BL&%Pʻ DG@&-ʻ .A-D&.&HI? D&A%Mʻ C%D&B DG@ʻ -@NCKB&Hʻ M&P%&.&@Lʻ G@-ʻ HA%M@%D DAʻ MCHGʻ Iʻ 3@IMC-@ʻ G@M@ʻ GI-Lʻ J@D A%ʻ DG@ʻ FGAB@ʻ @SC&DIKB@ʻ D@-3M F@-@ʻ MCKMH-&K@Lʻ KJʻ DG@ʻ L@B@PID@M A.ʻ>I-IR I%Lʻ DG@ʻ&%MD-C? 3@%D FIM M&P%@Lʻ KJʻ DG@ʻ '&H@ LAP@ʻ&%ʻ DG@ʻ %I3@ʻ I%Lʻ A%ʻ DG@ʻ K@GIB.ʻ A.ʻ G&M .IDG@-ʻ --&PA

*%ʻ DG@ʻ 3@I%FG&B@ʻ B@T&CMʻ GI'&%Pʻ -@H@&'@Lʻ DG@ʻ IBB@? P&I%H@ʻ A.ʻ DG@ʻ PA'@-%A-ʻ A.ʻ<C-IVVAʻ DG@ʻ @TD-@3@ʻ F@MD@-BJʻ NA&%D A.ʻ DG@ʻ @3N&-@ʻ GILʻ QA&%@Lʻ DG@ʻ "-@%HGʻ I%Lʻ $@%@? D&I%M IDʻ #A-.C DAFI-Lʻ DG@ʻ HBAM@ʻ A.ʻ N-&Bʻ G@ʻ&%GIK&D? I%DMʻ A.ʻ DGIDʻ &MBI%Lʻ @TIMN@-ID@Lʻ IDʻ DG@ʻ F@IOʻ DJ-I%%Jʻ A.ʻ DG@ʻ HA3Dʻ A.ʻ #A%MDI%D&%ANB@ʻ F@BHA3@Lʻ DG@ʻ O&BP-&3M IM DG@&-ʻ B&K@-IDA-Mʻ DG@ʻ N-&%H@ʻ IM DG@&-ʻ MA'@-@&P%R I%Lʻ DG&M ICPC-Jʻ A.ʻ.CDC-@ʻ MCHH@MM D@3ND@Lʻ DG@ʻ ID&%M DAʻ NIMM Iʻ.@Fʻ LIJM&%ʻ Iʻ.@-D&B@ʻ MNADʻ FG@-@ʻ .A-IP@ʻ I%Lʻ N-A'&M&A%M F@-@ʻ NB@%D&.CBʻ I%Lʻ FG@-@ʻ DG@Jʻ 3&PGDʻ GI'@ʻ .I-DG@-ʻ B@&MC-@ʻ DAʻ HA%M&L@-ʻ DG@&-ʻ C%L@-DIO&%Pʻ &%ʻ IBB &DM L&..@-@%D K@I-&%PMʻ G&M K-&@.ʻ L@BIJʻ %@I-BJʻ 3I--@Lʻ DG@ʻ FGAB@ʻ MHG@3@ʻ A3@ʻ LIJM I.D@-ʻ DG@&-ʻ I--&'IBʻ Iʻ-@NA-Dʻ -@IHG@Lʻ #A-.Cʻ DGIDʻ M&TDJʻ O%&PGDM ʻC%L@-ʻ 1ICDG&@-ʻ L@ʻ -&@%%@ʻ GILʻ &%ʻ DG@ʻ HAC-M@ʻ A.ʻ Iʻ.@Fʻ 3A%DGMʻ A'@--C%ʻ I%Lʻ HA%SC@-@Lʻ DG@ʻ FGAB@ʻ A.

INB@M' I%L' NCB&IR' ICL' DG@' .I3@' A.' DG&M' IHG&@'@3@%D' FG&HG' DA' I' 3AL@-%' @J@' LF&%LB@M' &%DA' DG@' NI-D&IB' I%L' N-ANA-D&A%ID@BJ' -IN&L' MCHH@MM' A.' I' M3IBB' KI%L' A.' IL'@%? DC-@-M' -@O&%LB@L' DG@' I-LAC-' A.' DG@' MABL&@-M' I%L' -@.-@MG@L' DG@' GAN@M' A.' DG@' #IKIB' G@' NAF@-.CB' HA%D-IMD' K@DF@@%' DG@&-' AF%' L&BIDA-J' HA%LCHD' I%L' DG@' K-&BB&I%D' @TNBA&D' A.' DG@' #AC%D' A.' -&@%%@' @%HAC-IP@L' I' .@@B&%P' I%L' I' HA3? NBI&%D' DGID' FG&B@' 1ICDG&@-' GIL' MCKLC@L' DA' G&M' MFIJ' I' -&HG' N-A'&%H@' I%L' FIM' %AF' N-@NI-&%P' DA' .&L.&B' G&M' @%PIP@? 3@%D' &%' DG@' :ABJ' I%L' /' GIL' LA%@' %ADG&%P' I%L' F@-@' K@M&L@M' A%' DG@' NA&%D' A.' @%PIP&%P' &%' I%' C%L@-DIO&%P' A.' FG&HG' DG@' HAMD' FIM' @%A-3ACM' DG@' N@-&BM' @'&L@%D' DG@' -@MCBDM' C%H@-DI&%R' I%L' &D' MAA%' INN@I-@L' DGID' DG@M@' M@%D&? 3@%DM' &.' %AD' AN@%BJ' I'AF@L' F@-@' M@H-@DBJ' MGI-@L' KJ' I' 3A&@DJ' A.' DG@' I-3J' G@' @3@-P@%HJ' FIM' N-@MM&%P' G@' MN&-&D' A.' L&MI..@HD&A%' FIM' -IN&LBJ' MN-@IL&%P' DG-ACPG' DG@' -I%OM' CD' DG@' &3N@%L&%P' LI%P@-' FIM' AK'&ID@L' KJ' I' N-A3&M@' A%' DG@' NI-D' A.' DG@' HG&@.M' DGID' FGID@'@-' 3&PGD' K@' DG@' L@MD&%ID&A%' A.' DG@' -@MD' DG@' 3IBHA%D@%DM' MGACBL' K@' NBIH@L' &%' I' NAM&D&A%' DA' @3KI-O' .A-' DG@' !IMD' C%L@-' I%J' H&-HC3MDI%H@M' A%' DG@' "@IMD' A.' I&%D' &HGI@B' @% MC&%P' Z DG' @ND@3K@-[R' m%L' DG&M' L&..&HCBDJ' GI'&%P' K@@%' -@? 3A'@L'DG@' ID&%M' MI&B@L' .-A3'#A-.C' FG@-@' DGID' C%DAFI-L' &%H&L@%D' GIL' L@DI&%@L' DG@3' %@I-BJ' DG-@@' F@@OM' A%' A%? LIJ' DG@' DG' A.' IJ' G@' F@IDG@-' FIM' .&%@R' DG@' MOJ' FIM' M@-@%@R' I%L' DG@' MI&BM' A.' DG-@@' GC%L-@L' '@MM@BM' F@-@' MN@@L&BJ' .&BB@L' F&DG' I' MACDG @IMD@-BJ' F&%L+' G@' NAANM' I%L' 3IMDM' F@-@' PI&BJ' L@@N-ID@L' F&DG' .BIPM' I%L' MD-@I3@-MR' DG@' M&L@M' A.' DG@' PIBB@JM' F@-@' HA'@-@L' F&DG' DG@' K-AIL' I%L

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@3KBIVA%@L'MG&@BLM' A.'DG@'O%&PGDM ' MG@F&%P'DG@&-' @MHCDHG? @A%M'BI%L' I-3A-&IB' K@I-&%PMR' I%L'DG@' LIVVB&%P' K-&PGD%@MM' A.'DG@' G@B3@DM' I%L' HC&-IMM@M' FIM' -@.B@HD@L' KJ'DG@' FI-3' -IJM' A.' I' 1-@H&I%' MC%' G@'.B@@D' NIMM@L'F&DGACD' '&M&D&%P' DG@' &MBI%LM' A.'#@NGIBA%&I' I%L' >I%D@' LACKB@L'#IN@' I' DINI%' A-'DG@'#IN@' A.' I&%D' %P@BA' I%L' I--&'@L'DAFI-L' DG@' HBAM@' A.' IJ' ID' @P-ANA%D' FG@-@' I'.@F'LIJM' F@-@' MN@%D' &%' N-AHC-&%P'.-@MG' FID@-' I%L' &%' I%' @TN@L&D&A%' DA' DG@' %@&PGKAC-&%P' *MB@' A.' %L-AM' FG&HG' J&@BL@L' DA' DG@' NAF@-' A.' DG@' ID&%M' @I'&%P' @P-ANA%D' I%L' @3%AM' A%' DG@&-'B@.D' GI%L' DG@'#-CMIL@-M' @%D@-@L'DG@' :@BB@MNA%D' I%L'HIMD' I%HGA-'A..' KJLAM' FG&HG' MC--@%L@-@L'DA' B@T&CM' G@'GI-'@MD' FIM' DG@%'-&N@'.A-'DG@'M&HOB@R' DG@'MABL&@-M' MN@%D' @&PGD' LIJM' &%' PIDG@-&%P'&D' I%L' &%' MC-'@J&%P' I'DAF%' FG&HG' ID' DG@' N-@M@%D' LIJ' 3@-@BJ' HA%DI&%M' I'.@F' N&B@M' A.'MDA%@M' I%L' I' C-O&MG' H&DIL@B' OC-MC&%P'DG@&-''AJIP@'DG@' ID&%M' NIMM@L' I3NMIHCM' I%L' 1IBB&NAB&R' I%L' @%D@-&%P'DG@'O-A' NA%D&M'A-'DG@' @I'A.' I-3 -I'DG@J'I--&'@L'A%' C%LIJ'DG@' DG'5C%@' ID'DG@' KK@J' A.' I&%D' D@NG@%' M&DCID@L'A%' I' N-A3A%DA-J' ID' I' L&MDI%H@' A.' M@'@%' 3&B@M' I%L' I'GIB.'&%' I' F@MD@-BJ' L&-@HD&A%' .-A3' #A%MDI%D&%ANB@' :@-@' DG@'HG&@.M' G@BL' I'HAC%H&B' A.' FI-' .A-'DG@'NC-NAM@' A.'HA%M&L@-&%P' FGID' HAC-M@' &D' FIr'%AF'3AMD' @TN@L&@%D' DA'NC-MC@' I%J' F@-@' A.'AN&%&A%'DGID' DG@'D-AANM' MGACBL' L&M@3KI-O' ANNAM&D@'DG@' M&D@' A.' DG@' #IMDB@' A.' DG@' @'@%' AF@-M' I'NA&%D' FG@-@' DG@J' FACBL' HA33I%L' I'.@-D&B@' L&MD-&HD' I%L' 3&PGD' N-AHC-@' IBB' DG@' %@H@MMI-&@M' A.' B&.@'.A-' 3@%' I%L' GA-M@M' CD' DG@' LAP@' FGA'HBI&3@L' I'3A-@'&%D&3ID@'O%AFB@LP@'A.'DG@'HAC%? D-J' NA&%D@L'ACD' DA' G&M' HA3NI%&A%M' DGID' &D' FIM' C%F&M@' DA' HGAAM@' I' MNAD' FG@-@' DG@' .B@@D' @TNAM@L' DA' DG@' PIB@M

B&O@ B&H@%D&ACM HA--CND DG@ 1-@@OM B&'@L &% DG@ MGILAF A. DG@&- .A-3@- P-@ID%@MMR &% DG@3 DG@ '&-DC@M A. DG@ I%H&@%D ;A3I%M .-A3 FGA3 DG@J N-@D@%L@L L@MH@%D F@-@ @TD&%HD DG@3 '&H@M @TIPP@-ID@L R I%L &D &M F&DG N@HCB&I- NB@IMC-@ DGID F@ L&MH@-% I .I&%D PB@I3 A. N-&MD&%@ G@-A&M3 &% DG@ K-&PGD HGI-IHD@- A. G@ALA-@ IMHI-&M DG@ MA% &% BIF A. B@T&CM ** G@ 1-@@OM A. DG@ AF@- !3N&-@ F@-@ &D &M D-C@ &% MA3@ -@MN@HDM &%LCMD-&ACMR KCD D-IL@ FIM I 3A%ANABJ N@HCBID&A% I MJMD@3 G@ P-I%L IL3&-IB GIL I3IMM@L I BI-P@ .A-DC%@ KJ DG@ MIB@ A. DG@ G@B3M 3IMDM -&PP&%P I%L HA-LIP@ A. DG@ *3N@-&IB 3I-&%@R I%L IKCM@M A. @'@-J O&%L H-&NNB@L DG@ MD-@%PDG I%L @TGICMD@L DG@ .&%I%H@M A. DG@ DID@ G@ @C%CHGM F@-@ DG@ PCI-L&I%M A. DG@ N-&%H@ DG@ ANN-@MMA-M A. G&M MCKQ@HDM R I%L DG@ " FGA MCNNB&@L DG@ NBIH@ I%L &%G@-&D@L DG@ NAF@- A. DG@ 0-~DA-&I% 1CI-L A.D@% HA%D-ABB@L DG@ @B@H? D&A% A. DG@ HG&@. 3IP&MD-ID@ A. #A%MDI%D&%ANB@ FG&B@ DG@J IM .-@SC@%DBJ L@MNIDHG@L G&3 ID DG@&- NB@IMC-@ A- HIN-&H@ @D IBDGACPG G&M M@%M@M F@-@ L-AF%@L &% -&AD I%L L@? KICHG@-J DG@ @3N@-A- GIL BA%P K@@% &%FI-LBJ HA%MH&ACM A. DG@ INN-AIHG \. DG@ ID&%M A. FGAM@ NC-NAM@ 'G@ HACBL MHI-H@BJ K@ &P%A-I%D I%L FGAM@ NAF@- G@ GIL MCHG QCMD HICM@ DA L-@IL CD DG@ .@I-M A. DG@ -AJIB 'ABCNDCI-J F@-@ -&L&HCB@L KJ G&M .BIDD@-@-M I%L NI-IM&D@MR I%L @'@-J %&PGD ID DG@ KI%SC@D B@T&CM FIM P-@@D@L KJ DG@ NB@IM&%P IM? MC-I%H@ DGID I GI%L.CB A. KI-KI-&I%M FACBL %@'@- LI-@ DA &%MCBD DG@ 3IQ@MDJ A. DG@ ;A3I% NC-NB@ G@ @I-M A. DG@ @3N@-A- L-CPP@L KJ ILCBID&A% I%L 'I%&DJ F@-@ L@I. DA DG@ -@BID&A% A. DG@ .IBB A. >I-I DG@ L@.@HD&A% A. #A-.C DG@ MC--@%L@- A. @P-ANA%D @D G@ HACBL %AD MCNN-@MM

+' I%' C%@IMJ' M@%MID&A%s' FG@%' G@' FIM' H-@L&KBJ'&%.A-3@L' DGID' DG@' @%@3J' GIL' -@IHG@L' .HCDI-&' G@%' ID' BIMD' G@' IFAO@' .-A3' G&M' B@DGI-PJ' I%L' N-AH@@L@L' F&DG' C%FA%D@L' @%@-PJ' DA' HA%H@-D' 3@IMC-@M' .A-' DG@' L@.@%H@' A.' DG@&HIN&DIB' BB' DG@' KC&BL&%PM' FG&HG' BIJ' ACDM&L@' DG@' FIBBM' F@-@' ID' A%H@' L@3AB&MG@LR' I%' @%A-3ACM' KAA3' MCNNA-D@L' A%' N&B@M+' FIM' NBI%D@L' IH-AMM' DG@' 3ACDG' A.' DG@' : A-%R I%L' IBA%P' DG@' &%%@-' M&L@' A.' DG&M' HGI&%' F@-@' -I%P@L' DF@%DJ' PIBB@JM' ZIBB' DGID' %AF' -@3I&%@L' A.' DG@' 1-@@O' %I'J[' DA' ANNAM@' DG@' @%D-I%H@' A.' DG@' $@%@D&I%' .B@@D' D' DG@' MI3@' D&3@' DG@' PI--&MA%' A.' FG&HG' DG@' $I-I%P&I%' 1CI-L' I%L' I%' ICT&B&I-J' .A-H@' A.' DFA' DGACMI%L' O&MI%M' .A-3@L' DG@' .BAF@-' FIM' ' A-L@-@L' DA' 3IO@' @'@-J' %@H@MMI-J' L&MNAM&D&A%' .A-' DG@' IN? N-AIHG&%P' M&@P@R' I%L' DG@' @3N@-A-' GI'&%P' NBIH@L' #A%? MDI%D&%ANB@' &DM@B.' ACD' A.' LI%P@-' GIMD@%@L' F&DG' I%' I-3J' A./ ' 3@%' DA' DIO@' CN' I' NAM&D&A%' A%' DG@' B@.D' MGA-@' A.' DG@' AMNGA-CM' FG@-@' G@' FIM' N-@NI-@L' DA' -@NCBM@' I%J' IDD@3ND' A%' DG@' NI-D' A.' DG@' ID&%M' DA' NIMM' DG@' MD-I&D' I%L' L&M@3KI&O' DG@' D-AANM' A-' FG&B@' G@' MG@F@L' MCHG' IH? D&'&DJ' I%L' @%DGCM&IM3' &%' N-A'&L&%P' .A-' DG@' @T&P@%H&@M' A.' FI-' L&L' B@T&CM' %@PB@HD' DA' AN@%' %@PAD&ID&A%M' .A-' N@IH@' %' DG@' ,DG' A.' 5CBJ' &HGABIM' ;AMM&' I' %ID&'@' A.' OI-3I' KCD' I%' ABL' M@-'I%D' A.' DG@' JVI%D&%@' HAC-D +' FIM' M@%D' DA' HCDI-&' FG@-@' DG@' BB&@M' GIL' @MDIKB&MG@L' DG@&-' G@IL? SCI-D@-M' DA' &%SC&-@' DG@' 3AD&'@' FG&HG' HACBL' GI'@' B@L' I' #G-&MD&I%' I-3J' DA' IMMC3@' MA' GAMD&B@' I%' IDD&DCL@' DAFI-L' I' #G-&MD&I%' N@ANB@R' DA' IMMC-@' DG@' O&BP-&3M' DGID' G&M' &3? N@-&IB' 3IMD@-' FIM' N@-.@HDBJ' -@ILJ' DA' MCNNBJ' DG@&-' FI%DM

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I%L' -@B&@ '@ DG@&-' NA '@-DJR I%L' DG ID ' IBDGACPG &D' FIM &%' G&M NAF@-' DA' LA' MA ' G IL' DG@J' K@@%' DF@%DJ' D&3@M IM %C3@-ACM ' G@' FIM BADG' DA' &%.B&HD I%J' &%QC-J' A%' DG@3 ' MA' BA%P' IM DG@J' L&L' %AD -@.CM^' DA' @ ' IHCID@' G&M LA3&%&A%M ' G@' P-AC%L ' FB&&HG' KMM&' DAAO ' FIM MA3@FGID G&PGR DG@' ID&%' HG&@.M B&MD@%@L' DA' G&3' &%' M&B@%H@' I%L' IMDA%&MG3@%DR I%L' FG@%' G@' GIL' D@-3&%ID@L' G&M' GI-I%PC@ ' G@' FIM' K-&@.BJ' &%.A-3? @L ' DG ID' DG@' A%BJ' GAN@' A.' DG@' D3HB@' BIJ' &%' DG@' HB@3@%HJ' A.' DG@' %@NG@F ' FGA' FIM' %AF' M@ID@L' I3A%P' DG@3R DG ID ' &.' DG@' @BL@-' B@T&CM' HGAM@' DA' -@M&P%' DG@' H-AF%' &%' .I 'AC-' A.' DG@' -&PGD.CB' G@&-' ' DG@J' FACBL' -@HA33@%L' DG@' N-&%H@' DA' P-I%D' G&3' I' .-@@' NI-LA%' I%L' I' B&K@-IB' N@%M&A%R I%L' BIMDBJ' DG ID ' C%B@MM' G@' G&3M@B.' FIM ' A%' I%ADG@-' AHHIM&A%' DG@' K@I-@-' A.' I' 3A-@' -@IMA%IKB@' 3@MMIP@ ' G@' FACBL' IHD' F&M@BJ' &%' %AD' -@N@ID&%P' K&M' '&M&D ' G@' I3KIMMILA-' FIM' DG@%' L&M3&MM@L ' HGI-P@L' DA' HA%'@J' DA' G&M' MA '@-@&P%' DG@' M@%D&3@%DM' A.' <I% ' LABA' I%L' DG@' I-A%MR FG&B@' DG@' BIDD@-' A%' DG@&-' NI-D M@@&%P' %A' N-AMN@HD' A.' I' N@IH@.CB' M@DDB@3@%D' A.' DGW' SC@MD&A%' ID' &MMC@ ' N-AH@@L@L ' F&DGACD' BAMM' A.' D&3@ ' DA' 3IO@' N-@NI-I? D&A%M' .A-' DG@' NIMMIP@' A.' DG@' AMNGA-CM

#A%MDI%D&%ANB@ ' A-' &%' C-O&MG' &L&A3 ' !MDI3KIACB ' &M' KC&BD' A%' M@ '@%' G&BBM ' &%' DG@' .A-3' A.' I%' C%@SCIB' D-&I%PB@R I%L' DG@' P@%DB@' N-A3A%DA-J ' A%' FG&HG' &D' -@MDM ' D@-3&%ID@M' DG@' HA%D&%@%D' A.' !C-AN@ '2 G@' HIN&DIB' A.' DG@' ! IMD' 3I-O@L' DG@' M&D@' A.' I' M3IBB' HABA%J ' FG&HG' I' @PI-&I%+' IL '@%DC-@-' GIL' NBI%D@L ' BA%P' K@.A-@' DG@' HA%I3@%H@3@%D' A.' DG@' #G-&MD? &I%' @-I ' A%' DG@' KA-L@-M' A.' G@MMIBJ' I%L' DG@' M@I ' CD' DG@

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MNB@%LAC-ʻ A.ʻ I%ʻ &3N@-&IBʻ HAC-Dʻ L@MN&M@Lʻ I%Lʻ @..IH@Lʻ DG@ʻ GC3KB@ʻ B&3&DMʻ A.ʻ I%H&@%Dʻ JVI%D&C3Rʻ I%Lʻ &%ʻ BID@-ʻ D&3@Mʻ Iʻ .I3ACMʻ G@-@MJʻ HA--CND@Lʻ DG@ʻ %I3@ʻ I%Lʻ HGI%P@Lʻ DG@ʻ IMN@HDʻ A.ʻ DG@ʻ H&DJʻ A.ʻ DG@ʻ #3MI-Mʻ D&BBʻ DG@ʻ D-&NB@ʻ .&-@ʻ FG&HGʻ AHHC--@Lʻ LC-&%Pʻ DG@ʻ M&@P@ʻ A.ʻ #A%MDI%D&%ANB@ʻ&%ʻ

Eʻ FIMʻ MC..&H&@%Dʻ DAʻ M@Dʻ IDʻ .ICBDʻ @'@%ʻ DG@ʻ D-I'@BB@-Mʻ A.ʻ DGIDʻ LIJQʻ DG@ʻ 3@-HGI%DMʻ A.ʻ$@%&H@ʻ FGAʻ '&M&D@Lʻ DG@ʻ HIN&DIBʻ I.D@-ʻ DG@ʻ ;@'ABCD&A%ʻ .AC%Lʻ Iʻ BI-P@ʻ NA-D&A%ʻ A.ʻDG@ʻ H&DJʻ BI&Lʻ &%ʻ -C&%MRʻ I%Lʻ &Dʻ &Mʻ N-AKIKB@ʻDGIDʻ B&DDB@ʻK@JA%Lʻ DG@ʻ P@%@-IBʻ ACDB&%@ʻ FIMʻ N-@M@-'@Lʻ @%D&-@ʻ I%Lʻ C%HGI%P@L

ʻ FAʻ B&%@Mʻ A.ʻ -I3NI-DMʻ GAF@'@-ʻ -C%%&%Pʻ DG@ʻ FGAB@ʻ B@%PDGʻ A.ʻDG@ʻ D-&PA%ʻ FG&HGʻ F@ʻ GI'@ʻ 3@%D&A%@Lʻ @%HBAM@Lʻ Iʻ L@@Nʻ 3AIDʻ .&'@ I%L DF@%DJʻ .@@Dʻ &%ʻ F&LDGʻ I%Lʻ Z&.ʻ F@ʻ A'@-BAAOʻ DG@ʻ MCKC-KM[ʻ Iʻ H&-HC3.@-@%H@ʻ A.ʻ DF@%DJ DG-@@ʻ 3&B@Mʻ G@ʻ MACDG@-%ʻ M&L@ʻ A.ʻDG@ʻ M@I FIBBʻ @TD@%L&%Pʻ.-A3ʻ DG@ʻ #IMDB@ʻ A.ʻDG@ʻ @'@%ʻ AF@-Mʻ DAʻDG@ʻ H-ANAB&M+ʻ3@Dʻ I%Lʻ -@N@BB@Lʻ DG@ʻ FI'@Mʻ A.ʻDG@ʻ AMNGA-CMRʻ DG@ʻ %A-DG@-%ʻ BIJʻ DAFI-Lʻ DG@ʻ BI%LRʻ DG@ʻ F@MD@-%ʻ M&L@ʻ FIMʻ KIDG@Lʻ KJʻ DG@ʻ FID@-Mʻ A.ʻDG@ʻ @Iʻ A.ʻ I-3A-IRʻ I%Lʻ DG@ʻ @IMDʻ M&L@+@TD@%Lʻ &%Pʻ.-A3ʻDG@ʻ H-ANAB&Mʻ DAʻDG@ʻ OIBIH@ʻA.ʻ BIHG@3ʻ ILQA&%@Lʻ DG@ʻ GI-KAC-ʻ A.ʻ#A%MDI%D&%ANB@ʻ A%ʻ FG&HGʻ DG@ʻ 3IP%&.&H@%Dʻ 'I%&DJʻ A.ʻ DG@ʻ 1-@@OMʻ GILʻ K@MDAF@Lʻ DG@ʻ %I3@ʻ A.ʻ#G-JMAʻ H@-IMʻA-ʻDG@ʻ < ʻ = ʻ FAʻGC%L-@Lʻ I%Lʻ.&.DJʻDAF@-Mʻ @IHGʻA.ʻFG&HGʻI..A-L@Lʻ MG@BD@-ʻDAʻIʻBI-P@ʻ%C3K@-ʻA.ʻI-HG@-Mʻ MB&%P@-Mʻ I%Lʻ H-AMMKAF 3@%ʻ F@-@ʻ NBIH@Lʻ IDʻ -@PCBI-ʻ &%? D@-'IBMʻ I%Lʻ IBD@-%ID@ʻ L&MDI%H@Mʻ IBA%Pʻ DG@ʻ LACKB@ʻ B&%@ʻ A.ʻ KCBFI-OMʻ I%Lʻ IKA'@ʻ DG@ʻ &%%@-ʻ FIBBʻ FG&HGʻ -AM@ʻ DF@%DJ

Q B &ʻ ʻ ! ʻ 2 ʻ ʻ " ʻ ' ʻ ! ʻ J ' ʻ ʻ $ * ?'" ! , ʻ ʻ ʻ % ʻ - ʻ , ʻ ʻ ** @D@O :ʻ Q

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.@@D' .-A3' DG@' MC3 3&D' A.' DG@' ACD@-' A%@' DG@' @J@' A.' DG@' MD-I%P@-' FIM' IDD-IHD@L' KJ' DG@' MN&-@M' A.' I' GC%L-@L' HGC-HG@M' I%L' DG@' MF@BB&%P' LA3@M' A.' I&%D' ANG&I' @JA%L' DG@' *BA&%' &%' I%' Z!IMD@-BJ' L&-@HD&A%' BIJ' DG@' MCKC-KM' A.' O@-I' I%L' 1IBIDI' FG@-@' DG@' !3N@-A-' B@T&CM' GIL' L-IF%' CN' G&M' /' 1-@@OMR' I%L' ,%' DG@' ADG@-' MGA-@' A.' DG@' O-A? NA%D&M' DGID' A.' HCDI-&' FG@-@' DG@' ID&%M' F@-@' IB-@ILJ' .A-3&%P' DG@&-' NBI%' A.' IDDIHO

.D@-' DG@' L@NI-DC-@' A.' ;AMM&' DG@' HG&@.M' GIL' G@BL' I' M@HA%L' HAC%H&B' A.' FI-' F&DG' I' '&@F' DA' L@D@-3&%@' GAF' I%L' FG@-@' DG@J' MGACBL' AN@%' DG@' IMMICBD' G@' LAP@' A%' G&M' NI-D' @TN-@MM@L' I%' AN&%&A%' DGID' DG@' M&@P@' MGACBL' K@' NC-@BJ' I' 3I-&D&3@' A%@R' I%L' DGID' HA%M&L@-&%P' DG@' .@F%@MM' A.' DG@&-' %C3K@-' I%L' DG@' P&PI%D&H' %IDC-@' A.' DG@&-' C%L@-DIO&%P' DG@' I-3J' ACPGD' DA' IHD' &%' MD-&HD' C%&MA%' F&DG' DG@' .B@@D' FG&HG' &D' MGACBL' K@' KA-%@' &%' 3&%L' FACBL' MG@BD@-' DG@' "-@%HG' .-A3' DG@' L@%M@' 3IMM@M' A.' DG@' 1-@@O' HI' IB-J' G@' '&@FM' A.' <I%' LABA' F@-@' &%' D-CDG' QCMD' I%L' M@%M&KB@R' KCD' DG@' I-A%M' FGA' MCMN@HD@L' DGID' DG@J' DAAO' DG@&-' HABAC-' .-A3' I' %IDC-IB' .@@B&%P' A.' NID-&AD&M3' C-P@L' A%' DG@&-' NI-D' DG@' C%CMCIB' .ID&PC@' A.' I' BA%P' 'AJIP@' A%' I' MD-I%P@' @B@3@%D' I%L' L@? 3I%L@L' I' .I&-' D-&IB' A.' DG@&-' O%&PGDGAAL' @&DG@-' A%' .AAD' A-' A% GA-M@KIHO' G@' -@MCBD' A.' DG&M' L&.B@-@%H@' FIM' I' MA3@? FGID' &%QCL&H&ACM' HA3N-A3&M@R' &D' FIM' L@H&L@L' DGID' DG@' LAP@' MGACBL' K@M&@P@' DG@' H&DJ' KJ' M@I' FG&B@' G&M' HA%.@L@-ID@M' &%'@MD@L' &D' KJ' BI%L' G@' FGAB@' I-3J' FIM' IHHA-L&%PBJ' L&'&L@L' &%DA' M&T' KIDDIB&A%M' DG@' .&-MD' I%L' 'I%PCI-L' FG&HG' HA3N-&M@L' DG@' .BAF@-' A.' "-@%HG' I%L' "B@3&MG' HG&'IB-J' FIM' @%D-CMD@L' DA' #AC%D' IBLF&%R' DG@' %@TD' DG-@@' F@-@' IBBADD@L' DA' G&M' K-ADG@-' :@%-J' DG@' #AC%D' A.' BA&M' I%L' DG@' #AC%D

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A. I&%D OABR DG@ .&.DG DA FG&HG F@-@ IDDIHG@L DG@ 3I-MGIB I%L %AKB@M A. #GI3NIP%@ FIM NBIH@L C%L@- DG@ A-L@-M A. DG@ I-A% L@ A%D3A-@%HJR I%L DG@ HA33I%L A. DG@ M&TDG L&'&M&A% .A-3&%P DG@ -@I-PCI-L I%L -@M@-'@ L@? 'AB'@L A% DG@ I-SC&M A. A%D.@--IDA DG@ P@%@-IB &%? HG&@. G@ O%&PGDM HIM@L &% HA3NB@D@ I-3A3 @3KI-O@L A% DG@ .&IBI%L@-M F&DG DG@&- HGI-P@-M IB-@ILJ K-&LB@L I%L HINI-&MA%@LR DG@ ADG@- D-I%MNA-DM F@-@ IMM&P%@L DA DG@ = I%L @MSC&-@MR I%L @IHG '@MM@B FIM DAF@L KJ I PIBB@J IH-AMM DG@ MF&.D I%L MD-A%P HC--@%D A. DG@ AMNGA? -CM CD IBDGACPG DG@ $@%@D&I% AI-M3@% F@-@ '&PA-ACM I%L IL-A&D DG@&- NIH@ FIM DAA MBAF .A- DG@ I-LAC- I%L &3N@DCAM&DJ A. DG@ "-@%HG 3I%J A. FGA3 B@IND &%DA DG@ M@I FG@-@ DG@ FID@- -AM@ DA DG@&- FI&MDM I%L -CMG@L .A-? FI-L MFA-L &% GI%L DA IDDIHO DG@ 1-@@OM FGA B&%@L DG@ ANNAM&D@ MGA-@ A. DG@ MD-I&D I%L HA'@-@L DG@ DAF@- A. 1IBIDI : &M HA33I%L&%P NAM&D&A% I%L MCN@-&A- %C3K@-M 3&PGD GI'@ N-A3ND@L B@T&CM DA H-CMG DG@ .@F GC%L-@L .A-@3AMD MD-IPPB@-M IM DG@J BI%L@L &% L&MA-L@-BJ N-@H&N&? DID&A% I%L &% MCHG I 3I%%@- DA HCD A.. F&DGACD L&..&HCBDJ A- LI%P@- I HA%M&L@-IKB@ NA-D&A% N@-GINM DG@ .BAF@- A. DG@ "-@%HG 'I%PCI-L CD DG@ G@I-D A. DG ID N-&%H@ .I&B@L G&3 ID DG&M 3A3@%DACM QC%HDC-@R I%L &% MN&D@ A. DG@ @ - %@MD MAB&H&DID&A%M A. G@ALA-@ IMHI-&M FGA FIM M@-'&%P C%L@- G&3 IM G&M B&@CD@%I%D P@%@-IB DG@ @3N@-A- NCD MN&%UM DA G&M GA-M@ I%L .B@L &% HA%MD@-%ID&A% .ABBAF@L KJ DG@ FGAB@ I-3J FG&HG DC-%@L I L@I. @I- DA DG@ -IBBJ&%P H-J A. IMHI-&M G@ L&MP-IH@.CB.B&PGD A. DG@ 1-@@OM I..A-L@L DG@ #-CMIL@-M I3NB@ D&3@ DA .A-3 DG@&- -I%OM I%L QA&% DG@&- B@IL@-MR I%L DG@ "-@%HG GI'&%P AHHCN&@L DG@ MC? KC-KM MAA% &%'@MD@L I%L DAAO DG@ DAF@- A. 1IBIDI

"A- FG@-@ DG@-@ FIM DG@ P-@ID@MD LI%P@- DG@-@ DG@ @J@ 3&PGD L&MD&%PC&MG DG@ DIBB I%L @-@HD .A-3 A. DG@ <AP@ <I%LABA @.A-@ G&3 FIM KA-%@ DG@ P-@ID MDI%LI&L A. DG@ -@NCKB&HR I%L DG@ ABL 3I% IBFIJM &% DG@ G@I-D A. DG@ .&PGD I%&3 ID@L F&DG G&M AF% MN&-&D DGAM@ FGA MDAAL %@I- G&3 A- FGA HI3@ C%L@- G&M N@-MA%IB AKM@-'ID&A% : &M @%@-PJ`%L -@MABCD&A% MC-3AC%D@L@'@-J AKMDIHB@R I%C%? M@@% GI%L NBI%D@L DG@ MDI%LI-L A. I&%D I-O A% DG@ FIBB A. #A%MDI%D&%ANB@R I%L .&'@ I%L DF@%DJ DAF@-M .@BB IB3AMD M&3CBDI%@ACMBJ &%DA DG@ GI%LM A. DG@ $@%@D&I%M FGA MCHH@@L@L &% L&MBALP&%P DG@ PI--&MA% F&DG MGI-N I%L HA%D&%C@L 'ABB@JM A. I--AFM MDA%@M I%L HA3KCMD&KB@ 3ID? D@- CD &% DG@&- 3IB&H@ A- L@MNI&- DG@ 1-@@OM GIL GIL -@HAC-M@ DA I D@--&KB@ @TN@L&@%D DG@ FGAB@ SCI-D@- A. DG@ H&DJ FG&HG ILQA&%@L DG@ GI-KAC- I%L BIJ K@DF@@% DG@ NIBIH@ A. BIHG@-% I%L DG@ IKK@J A.!'@-P@D@M FIM MAA% AKM@-'@L DA K@ @%F-IND &% .BI3@MR I%L 3A-@A'@- FG&B@ G@ NBIJ@L G&M AF% NI-D F&DG MCHG K-&BB&I%D MCHH@MM DG@ P@%@-ACM G@I-D A. <I%LABA FIM HG&BB@L KJ DG@ %@FM DGID DG@ "-@%HG GIL K@@% IMMI&B@L I%L FACBL MGA-DBJ K@ A'@-? FG@B3@L KJ DG@ MCN@-&A- %C3K@-M A. DG@ @%@3J C%B@MM DG@J F@-@ ID A%H@ -@B&@'@L I%L -@&%.A-H@L

B@T&CM &%L@@L DIC%D@L I%L @3KABL@%@L KJ DG@ .@F? %@MM A. G&M ANNA%@%DM GIL ID BIMD '@%DC-@L DA -@MC3@ DG@ A..@%M&'@R I%L C%L@- G&M A-L@-M M&TDJ KIDDIB&A%M @IHG A. FG&HG FIM .I- 3A-@ %C3@-ACM I%L NAF@-.CB DGI% I"-@%HG L&'&M&A% GIL .IBB@% C%@TN@HD@LBJ A% DG@ DG&% I%L C%FI-J 'I% A. DG@ #AC%D A. "BI%L@-M G@ L&MD-@MM A. IBLF&% GAF@'@- FIM &%MDI%DBJ N@-H@&'@L G&M @..A-DM F@-@ %AKBJ M@HA%L@L KJ B&&M K-ADG@- : @%-J I%L DG@ ADG@- HG&@.MR I%L

’ E (’ 0"2 A1V A3’ B"$ ’

DB&@’ @3N@-A-’ FIM’ IB-@ILJ’ FI'@-&%P’ K@DF@@%’ IL'I%@@’ I%L’ -@D-@ID’ FG@%’ G@’ K@G@BL’DG@’ LAP@’ I%L’ I’HA%M&L@-IKB@’ KALJ’ A.’ 3I-&%@M’ GIMD@%&%P’ DAFI-L’ DG@’ MH@%@’ A.’ IHD&A%’ "A-’ %A’ MAA%@-’Fz+Q <I%LABA’ INN-&M@L’A.’DG@’N@-&BACM’M&DCID&A%’ A.’G&M’IBB&@M’DGI%’G@’HG&'IB-ACMBJ’-@MAB'@L’DA’Q&KI%LA%’G&M’ AF%’HA%SC@MD’I%L’DA’N-AH@@L’DA’DG@&-’-@B&@.’R G&M’INN-AIHG’ MHI-@L’I’B@P&A%’A.’HAFI-LM’ DG@’1-@@OM’.B@L’&%’NIN&W’HA%? .CM&A%’G@@LB@MM’IM’K@.A-@’A.’DG@’-IBBJ&%P’H-J’A.’ IMHI-&M’R I%L’DG@&-’N-@H&N&DID@’.B&PGD’I..A-L@L’DG@’ I-A%M’-@IMA%’DA’ 3I-'@B’ID’DG@&-’AF%’N-@M@-'ID&A%’IM’F@BB’IM’I’.I-DG@-’AN? NA-DC%&DJ’A.’IL3&-&%P’DG@’%AKB@’G@-A&M3’A.’DG@’<AP@’A.’ $@%&H@’FGA’GIL’N-@.@--@L’IM’G@’MI&L’DA’L&@’F&DG’DG@3’ -IDG@-’DGI%’DA’@I-%’ID’DG@&-’HAMD’C%L&'&L@L’PBA-J

GID’'@-J’@'@%&%P’ B@T&CM’HA%HBCL&%P’DGID’DG@’.IBB’A.’ DG@’H&DJ’FIM’&%@'&DIKB@’L&MHBAM@L’DA’I’.@F’A.’G&M’%@I-@-’ O&%L-@L’G&M’&%D@%D&A%’DA’HA%MCBD’G&M’N@-MA%IB’MI.@DJ’R I%L’ GI'&%P’HABB@HD@L’I’BI-P@’MC3’A.’3A%@J’I%L’INN-AN-&ID@L’ DG@’H-AF%’Q@F@BM’DG@’CMC-N@-’@3KI-O@L’ID’%&PGD.IB’F&DG’ G&M’LICPGD@-’*-@%@’.A-’>IPA-I’A%’DG@’ BIHO’ @I’R FG@-@’2 G@’NC-NAM@L’DA’FIDHG’DG@’HAC-M@’A.’@'@%DM’ G@’&%D@BB&? P@%H@’A.’G&M’.B&PGD’FIM’MN@@L&BJ’HA%'@J@L’DA’DG@’@C%CHG’ #A%MDI%D&%@’N-@.@HD’A.’DG@’D-@IMC-JR I%L’DG&M’3&%&MD@-’ I'@-M@’.-A3’&%D@-@MD@L’3AD&'@M’&D’3&PGD’M@@3’DA’I’'&A? B@%D’HGI%P@’&%’DG@’PA'@-%3@%D’N-@'I&B@L’A%’DG@’$I-I%? P&I%’1CI-L’I%L’DG@’O&MI%’$ABC%D@@-M’DA’HA%%&'@’ID’DG@’ -@&%MDID@3@%D’A.’DG@’BID@’@3N@-A-’ &DG’DG@&-’I&L’I%L’ HA%HC--@%H@’*MIIH’I.D@-’I’HIND&'&DJ’A.’@&PGD’J@I-M’? ’ ’ .-A3’I’L %P@A%’DA’I’DG-A%@’R G&M’F&.@’ I-PI-@D’A.’:C%? PI-J’FIM’NBIH@L’ID’G&M’M&L@’R I%L’I’3@MM@%P@-’FIM’M@%D’ DA’&%.A-3’DG@’KAJ’ B@T&CM’DGID’G&M’.IDG@-’IFI&D@L’G&3’ID

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D-IL@-M' DG@' 3AMD' I..@HD&A%ID@' P-ID&DCL@R I%L' DG@' HA-A%I? D&A%' A.' DG@' DFA' %P@B&' FG&HG' FIM' MAB@3%&V@L' A%' DG@' MD' A.' CPCMD' Z E[' F&DG' C%CMCIB' NA3N' I%L' -@QA&H&%P' K@? %@IDG' DG@' MQQIH&ACM' LA3@' A.' I&%D' ANG&I' INN@I-@L' DA' HA3NB@D@' DG@' D-&C3NG' A.' <I%LABA' I%L' DG@' S-A%M'

CD' DG@' NA'@-DJ' I%L' N-@QCL&H@M' A.' DG@' 1-@@OM' F@-@' IB&O@' ANNAM@L' DA' DG@' M@DDB@3@%D' A.' DG@' HBI&3M' FG&HG' F@-@' %AF' K-ACPGD' .A-FI-L' KJ' DG@' ID&%MR %I3@BJ' DG@' NIJ3@%D' A.' DG@' ' 3I-OM' DG@' -@MDA-ID&A%' A.' DG@' NINIB' MCN-@? 3IHJ' I%L' DG@' IKQC-ID&A%' A.' DG@' G@-@MJ' A.' OGAD&CM' I%L' DG@' B@'J' A.' DG@' I-3@L' HA%D&%P@%D' A.' ' 3@%' .A-' DG@' M@-'&H@' A.' DG@' :ABJ' I%L' G@' LAP@' I%L' G&M' IBB&@M' MAA%' .AC%L' DGID' DG@' @T@HCD&A%' A.' DG@' D-@IDJ' FIM' &3N@L@L' KJ' I%' &%IK&B&DJ' DA' B&SC&LID@' DG@' L@KD' I%L' I' -@BCHDI%H@' DA' IL3&D' DG@' MN&&&DCIB' LA3&%&A%' A.' I' .A-@&P%' N-&@MDR I%L' I' M3IBB' &%MDIB3@%D' A.' DG@' 3A%@J' FG&HG' *MIIH' GIL' L@M&P%@L' IM' I' HA%'&%H&%P' N-AA.' A.' G&M' M&%H@-&DJ' I%L' PAAL' F&BB' 3I&%BJ' D@%L@L' DA' L&3&%&MG' G&M' NAF@-' I%L' NANCBI-&DJ' !'@%' DG&M' NIBD-J' MC3' GIL' K@@%' -I&M@L' KJ' DG@' 3AMD' A..@%M&'@' I%L' MHI%LIBACM' 3@DGALMR %A' -@MN@HD' GIL' K@@%' NI&L' DA' DG@' N-&%H&NB@M' A.' QCMD&H@' A-' DG@' .@@B&%PM' A.' GC3I%&DJR I%L' DG@' 3&%&MD@-M' A.' DG@' @3N@-A-' A%' DG@' N-@D@TD' DGID' DG@' MNA&B' A.' DG@' N-&'ID@' G@I-DG' FIM' &%IL@SCID@' DA' DG@&-' FI%DM' N-@? MC3@L' DA' '&ABID@' DG@' NCKGH' MI%HDCI-J' G@' GABJ' '@MM@BM' I%L' DG@'&3IP@M' A.' DG@' MI&%DM' GIL' K@@%' 3@BD@L' &%DA' KCBB&A%R DG@' Q@F@BM' I%L' @..@HDM' A.' DG@' BID@'&3N@-&IB' .I3&BJ' FG&HG' B@T&CM' GIL' %AD' K@@%' IKB@' DA' -@3A'@' F@-@' L@HBI-@L' .A-? .@&D@L' DA' DG@' DID@R I%L'&%' %C3K@-B@MM'&%MDI%H@M' DG@' N-A? N@-DJ' A.'&%L&'&LCIBM' FIM' F&DGACD' I%J' MC..&H&@%D' HICM@' K@&%P' IMM&P%@L' M@SC@MD-ID@L' I%L' MABL

G@ NAB&HJ A.' DG@ 1-@@O PA'@-%3@%D' FG&HG INN@I-@L DA' IHD C%L@-' DG@ &%.BC@%H@ A.' MA3@ MD-I%P@ I%L 3@BI%HGABJ &%.IDCID&A%' FIM HB@I-BJ MGA-D B&'@L' GID H-C@B I%L &%&? SC&DACM MJMD@3' A.'-IN&%@ I%L @TDA-D&A%' FG&HG &D FIM NC-? MC&%P' FIM P-ILCIBBJ MN-@IL&%P L&MPCMD I%L IBI-3'DG-ACPG @'@-J HBIMM A.' MAH&@DJR I%L DG@ N@ANB@ IO@ILJ K@PI%' DA M&PG .A-' I' N-3H@' FGA ' / ' ' I%L NAF@-'DA' I'@-D' DG@&-' &3N@%LC&P -C&%' F&DGACD '&ABID&%P MA P-AMMBJ @'@-J BIF A.'-&PGD I%L -@B&P&A% ' G@ ID&%M 3&PGD N@-H@&'@ DGID' IBDGACPG I'.@F 3A%DGM A%BJ GIL @BINM@L M&%H@ DG@ NA3? NACM HA-A%ID&A%' A.' B@T&CM I%L G&M .IDG@-' 3IDD@-M F@-@ P-AF&%P -&N@ &%' #A%MDI%D&%ANB@ .A-' I'.-@MG -@'ABCD&A%R &D FIM' N@-GINM' DG@&-' D-C@ &%D@-@MD DA IBBAF DG@3' DA' DIO@ DG@&-' %IDC-IB HAC-M@R I%L'<I.&LABA G&3M@B.' 3&PGD -@HA3? 3@%L DG@3' DA F+I&D' C%D&B I' P-AC%L' I-AM@ .A-' &%D@-NAM&%P DG@&-' ICDGA-&DJ IM 3@L&IDA-M K@DF@@%' DG@ %P@B& I%L DG@&-' MCKQ@HDM' @D DG@ #-CMIL@-M HACBL %AD '&@F F&DGACD L&M? MID&M.IHD&A%' I%L &3NID&@%H@ DG@ C%.A-@M@@%' L@BIJ' FG&HG GIL AHHC--@L &%' DG@ @T@HCD&A%' A.' DG@ D-@IDJ' D DG@ MI3@ D&3@' DG@-@ F@-@ AK'&ACM -@IMA%M' FGJ B@T&CM I%L G&M .IDG@-' MGACBL K@ 3AMD I%T&ACM DA' I'A&L' ID'N-@M@%D' I'-CN? DC-@ F&DG DGAM@' FGA GIL MA FI-3BJ I%L MA MCHH@MM.CBBJ @MNACM@L' DG@&-' QA&%D N-@D@%M&%M DA' DG@ &3N@-&IB H-AF%

*D' MGACBL' K@ -@HABB@HD@L' DGID' K@.A-@ DG@ L@NI-DC-@ A.' DG@ IBB&@M .-A3' #A-.C' DG@ HG&@.M M&P%@L' I%L' M@IB@L' I' D-@IDJ' KJ FG&HG DG@J KAC%L' DG@3M@B'@M' C%L@-' I%J L-HC3MDI%HHM' DA' I.&K-L' I' H@-DI&%' %C3K@-' A.' DG@&-' .ABBAF@-M' FGA F@-@ 3A-@ NI-D&HCBI-BJ L@M&-ACM A.'-@IHG&%P DG@ : ABJ I%L'F&DG DG@ 3@I%M A.' D-I%MNA-D A% Z&.'%AD K@.A-@[' DG@ DG A.' @N? D@3K@-' E' G@ INNA&%D@L' LIJ FIM %AF' ID GI%L' G@

: &M' %@PAD&ID&A%M+' F&DG' DG@' HG&@.M' A.' DG@' #-CMIL@' F@-@' %AD' GAF@'@-' C%MCHH@MM.CB' %A-' &%L@@L' F@-@' DG@' D@-3M' FG&HG' G@' A..@-@L' DA' DG@&-' IHH@NDI%H@' ADG@-F&M@' DGI%' -@I? MA%IKB@' : @' -@3&%L@L' DG@' <AP@' I%L' DG@' I-A%M'5DGID' DG@' LIJ' .&T@L' .A-' DG@&-' L@NI-DC-@' FIM' ID' GI%L' KCD' G@' HA%? QC-@L' DG@&%' %AD' DA' .A-MIO@' G&3' &%' DG@' GKC-' A.' N@& &B' : @' K@PP@L' DG@D%' DA' -@3@3K@-' DGID' G@' G&3M@B.' IM' F@BB' IM' G&M' .IDG@-' *MIIH+&GIL' MIH-&.&H@L' DA' DG@&-' .-&@%LMG&N' I%L' IBB&I%H@' DG@' %ID&A%IB' HA%.&L@%H@' I%L' PAAL' F&BB' G@' IMMC-@L' DG@3' DGID' DG@J' F@-@' %AF' '&@F@L' KJ' IBB' HBIMM@M' F&DG' MCMN&H&A%' I%L' L&MB&O@' I%L' &D' FIM' G&M' K@B&@.' DGID' DG@' N@ANB@' F@-@' L@D@--@L' A%BJ' KJ' DG@' N-@M@%H@' A.' DG@' O&BP-&3M' .-A3' -&M&%P' &%' AN@%' -@K@BB&A%' : @' .@I-@L' DGID' I' MHI%DJ' -@'@%C@' I%L' I%' @3NDJ' D-@IMC-J' GI-LBJ' IL3&DD@L' DG@' B&SC&LID&A%' A.' DG@' BI-P@' MC3' FG&HG' FIM' LC@' DA' DG@3+' F&DG&%' MA' MGA-D' I' MNIH@' I%L' IM' .A-' DG@' MCK3&MM&A%' A.' DG@' !IMD@-%' #GC-HG' DA' DG@' NAMDAB&H' @@' DGID' G@' MI&L' FIM' I' FA-O' A.' D&3@' I%L' NI? D&@%H@' *%' DG@' MN-&%P' GAF@'@-' G@' D-CMD@L' DGID' G&M' NAF@-' FACBL' K@' 3A-@' .&-3' G&M' .&%I%H@M' 3A-@' N-AMN@-ACM' I%L' MGACBL' DG@J' IHH@L@' DA' G&M' N-ANAM&D&A%' G@' N-A3&M@L' DA' MID&M.J' DG@&-' HBI&3M' &%' DGID' D&3@' F&DGACD' .I&BC-@' I%L' DG@J' 3&PGD' DG@%' IHG&@'@' DG@&-' GABJ' C%L@-DIO&%P' F&D+CD' L&..&? HCBDJ' A-' -&MO' "A-' G@' NA&%D@L' ACD' DA' DG@3' DGID' &.' DG@J' N@-M&MD@L' &%' DG@&-' N-@M@%D' L@M&P%' DG@J' 3CMD' N@-.A-3' I' BA%P' 2'AJIP@' A%' I' D-@IHG@-ACM' @B@3@%D' ID' I' KB@IO' I%L' &%HB@3@%D' ;@IMA%' A.' DG@' J@I-' I%L' @%LC-@' DG@' GI-LMG&NM' A.' I' F&%D@-' HI3NI&P%' &%' I' GAMD&B@' I%L' -@3AD@' HAC%D-J' *%' HA%HBCM&A%' DG@' N-&%H@' @TN-@MM@L' G&M' &%D@%D&A%' A.' A-PI%&V&%P' F&DGACD' BAMM' A.' D&3@' DG@' HA%D&%P@%D' A.' D@%' DGACMI%L' MABL&@-M' IM

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DG@‘ .A-3‘ A.‘ I‘ D-&C3NGIB‘ N-AH@MM&A%‘ G@‘ %@&PGKAC-&%P‘ H&D&@M‘ J&@BL@L‘ F&DGACD‘ I‘ 3C-3C-‘DA‘ DG@‘ NAF@-‘A.‘ B@T&CM‘ I%L‘ DG@‘ ID&%M‘ CD‘ &DM‘ IL'I%H@‘ FIM‘ MN@@L&BJ‘ HG@HO@L‘ KJ‘ DG@‘ %@FM‘DGID‘ DG@‘ CBPI-&I%M‘C%L@-‘DG@‘ HA33I%L‘A.‘ 5AG%‘ DG@&-‘O&%P‘GIL‘BID@BJ‘L@KACHG@L‘&%‘P-@ID‘.A-H@‘.-A3‘ DG@‘ NIMM@M‘ A.‘ AC%D‘ :H@3CM‘ &%DA‘ DG@‘ NBI&%M+‘ I%L‘ F@-@‘ %AF‘-IN&LBJ‘INN-AIHG&%P‘ L-&I%ANB@‘.A-‘DG@‘ NC-NAM@‘A.‘ ANNAM&%P‘ DG@‘ N-AP-@MM‘I%L‘N@-GINM‘ &%D@-H@ND&%P‘DG@‘-@? D-@ID‘A.‘DG@‘#-CMIL@-M‘ G@‘ CBPI-&I%‘3A%I-HG‘FGA‘I.? .@HD@L‘DA‘GABL‘G&M‘H-AF%‘A.‘DG@‘NAN@‘GIL‘BA%P‘-@.CM@L‘DA‘ IHO%AFB@LP@‘DG@‘ 3IQ@MDJ‘A.‘DG@‘NC-NB@‘A-‘DG@‘MCV@-I&%DJ‘ A.‘DG@‘ JVI%D&%@‘HAC-DR I%L‘I‘FI-‘A.‘DF@%DJ‘J@I-M‘FG&HG‘ G@‘FIP@L‘F&DG‘!33I%C@B‘#A3%@%I .I-‘.-A3‘K@&%P‘.I'AC-? IKB@‘DA‘DG@‘N-@D@%M&A%M‘A.‘DG@‘ 1-@@O‘@3N@-A-‘.&-3BJ‘@MDI? KB&MG@L‘ DG@‘ NAM&D&A%‘ A.‘5AG%‘ IM‘ I%‘ &%L@N@%L@%D‘ N-&%H@‘ G@‘ IB&@%ID&A%‘A.‘I‘BI-P@‘N-A'&%H@‘I%L‘DG@‘-&M@‘A.‘I‘%@F‘ OAF@-‘A%‘DG@‘KA-L@-M‘A.‘ G-IH@‘F@-@‘3A-@‘M@-&ACM‘I%L‘ .A-3&LIKB@‘@'&BM‘DGI%‘ 3&PGD‘GI'@‘K@@%‘I%D&H&NID@LR DG@‘ LA3&%&A%M‘A.‘5AG%‘F@-@‘NANCBACM‘@TD@%M&'@‘I%L‘ILQIH@%DR I%L‘DGID‘LI%P@-ACM‘%@&PGKAC-‘.I&B@L‘%AD‘DA‘M@&V@‘@'@-J‘AN? NA-DC%&DJ‘A.‘@%PIP&%P‘&%‘GAMD&B&D&@M‘ IPI&%MD‘DG@‘ L@HB&%&%P‘ @3N&-@‘A.‘DG@‘*5IMD‘ %‘ B@I-%&%P‘DG@‘N-AT&3&DJ‘A.‘DG@‘ CBPI-&I%M‘DG@‘ ID&%M‘A%‘DG@&-‘NI-D‘.@@B&%P‘DG@&-‘3IK&B&DJ‘ 5A‘HAN@‘F&DG‘MA‘BI-P@‘I‘.A-H@‘-@MAB'@L‘DA‘N-AH@@L‘%A‘.I-? DG@-‘DGI%‘ 5NMIBI‘I%L‘GI'&%P‘PI&%@L‘DGID‘NBIH@‘DG@J‘-@? D-IH@L‘DG@&-‘MD@NM‘I%L‘I--&'@L‘ID‘#A%MDI%D&%ANB@‘A%‘DG@‘ DG‘A.‘ A'@3K@-‘Z E[

KACD‘I‘F@@O‘GAF@'@TU‘MCKM@SC@%DBJ DA‘DG@‘ L@NI-DC-@‘ A.‘ B@T&CM‘D.NL‘DG@‘ I-A%M‘FGA‘IHHA3NI%&@L‘G&3‘A%‘DG@‘

G-IH&I% @TN@L&D&A% I NI-DJ A. "B@3&%PM I%L $@%@D&I%M 3&PGD GI '@ K@@%M@@%HI-ACM&%P&% A%@A. DG@D@%DMA. DG@HI3N ID1IBIDI *D FIM DG@@'@%&%PA. CPCMD E G@F&%@ FGQHGUFIMA. 1-@@O'&%DIP@.BAF@L.-@@BJR DG@MN&-&DMA. DG@-@'@BB@-M -AM@G&PGR I%L IM DG@JP-ILCIBBJ K@HI3@.BCMG@L I%L &%DAT&HID@L F&DG DG@.C3@MA. DG@B&SCA- FG&HG DG@JSCI..@L DG@&-M@%M@MP-@F HA%.CM@L DG@&-@IMA% L&MA-L@-@L CLL@%BJDG@&L@IA. I L-C%O@%.-AB&HMCPP@MD@L &DM@B. G@-@FIM I SCI-D@-&% DG@'@-J MCKC-K &% FG&HG DG@&-@%HI3N3@%D BIJ = DG@MCKC-KA. 1IBIDI = FG&HG FIM IMM&P%@L KJDG@&3N@-&IB PA'@-%3@%D DA DG@5@F&MG I%L -IK.IHDA-&@M&% #A%MDI%D&%ANB@R DG&M SCI-D@-FIM O%AF%ID DG@D&3@A. FG&HG F@I-@MN@IO&%P IM I%L DGAM@FGA&%GIK&D@L &D F@-@.A- DG@3AMD NI-D 3&BL I%L &%A..@%M&'@ 3@% 3@% C%IHHCMDA3@L DA DG@CM@A. I-3M FGAM@HG&@.MDCLJFIM DG@IHHC3CBI? D&A%A. F@IBDG *D FIM %AF&% M@H-@D HA%D@3NBID&A% KJ DG@HI-ACM@-M DA 3IO@DGID F@IO I%L ANCB@%D HA33C%&DJ DG@AKQ@HDA. I %AHDC-%IB N-@LIDA-J&%-AIL G@L@.@%H@? B@MM HGI-IHD@-A. DG@% &%D@%L@L '&HD&3M 3&PGD N-@M@%D I D@3NDID&A% DG@&- -@B&P&ACM %A%HAC.A%%&DJI..A-L@L I N-@? D@TD 3&MK@B&@'&%P M@HD FIM N-A%AC%H@L A% IBB M&L@M I B@P&D&3ID@N-@J *D FIM L@H&L@L IM DG@MGIL@MA. %&PGD F@-@IB-@ILJ .IBB&%P DGID DG@MHG@3@MGACBL K@ID A%H@ HI--&@L &%DA @T@HCD&A% G@ ID&%M -AM@IHHA-L&%PBJ .-A3 DG@&-HCNM .@DHG@L DG@&-F@INA%M I%L GI'&%P HA33C%&? HID@L DG@L@M&P%DA I .@F HA3NI%&A%M N-AH@@L@L &% DG@L&-@HD&A% A. &DIDCM G@JGIL MAA% HA33@%H@L DG@&- FA-O A. N&BBIP@I%L L@MD-CHD&A% MJ%IPAPC@FIM KC-MD AN@% ! '@-J GACM@'@'@-J KC&BL&%P A. I N-&'ID@A-NCKB&H

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HGI-IHD@-' FG@-@' DG@J' @TN@HD@L' DA' .&%L' D-@IMC-@' A-' KAADJ' FIM' -I%MIHO@L' G@' L&3' DF&B&PGD' FG&HG' N-@'I&B@L' .I? 'AC-@L' DG@' AN@-ID&A%M' A.' DG@' K-&PI%LM' DG@' 5@FM' MHI-@L' ID' DG@' MCLL@%' %A&M@' I%L' DC3CBD' .B@L' &%' .&DD@-' L&M3IJ' .-A3' NC-MC@-M' A.' FGAM@' NAF@-' I%L' NC-NAM@' DG@J' F@-@' IB&O@' &P%A-I%DR' I%L' DGID' BIFB@MM' H-@F' MCHH@@L@L' F&DGACD' BAMM' A.' B&.@' A-' @..CM&A%' A.' KBAAL' &%' PI&%&%P' NAMM@MM&A%' A.' I'-&HG' MNA&B' CD' I'I-&H@' &M' KABL' &%' &DM' L@MNI&-' DG@' 5@FM' MCM? N@HD&%P' ID' BIMD' DGID' DG@&-' IMMI&BI%DM' F@-@' -@IBBJ' .@F' &%' %C3K@-' F@%D' &%' M@I-HG' A.' I-3M' I%L' IMM&MDI%H@' I%L' &%' I'MGA-D' D&3@' DG@J'-@DC-%@L' F&DG' I' KALJ' A.' 1-@@OM' FGA3' DG@J' GIL' &%LCH@L' KJ' DG@' N-A3&M@' A.' I' B&K@-IB' -@HA3N@%M@' DA' @MNACM@' DG@&-' HICM@' G@' @%HAC%D@-' K@DF@@%' DG@' ID&%M' I%L' DK@&-' ANNA%@%DM' DGCM' -@&%.A-H@L' FIM' .&@-H@' I%L' MI%? PC&%I-J' G@' .A-3@-' DGACPG' DG@J' F@-@' C%N-@NI-@L' .A-' -@M&MDI%H@' I%L' %C3@-&HIBBJ' F@IO' F@-@' IBMA' &%L&..@-@%D' DA' LI%P@-R' DG@' 3@-HGI%DM' A%' DG@&-' NI-D' %IDC-IBBJ' M@L@%DI-J' I%L' N@IH@.CB' &%' DG@&-' GIK&DM' GIL' K@@%' -ACM@L' DA' IHD&'@' @T@-D&A%' KJ' DG@' &%MD&%HD&'@' L@M&-@' A.' M@B. N-@M@-'ID&A%R' I%L' DG@&-' MACB' FIM' MD&--@L' DA' &DM' &%3AMD' L@NDGM' KJ' DG@' M@%M@' A.' DG@' P-AMM' ACD-IP@' A.' FG&HG' DG@J' F@-@' DG@' &%%AH@%D' '&HD&3M' G@&-' L@MN@-ID@' @..A-DM' HA3K&%@L' F&DG' DG@' NAF@-.CB' I&L' A.' DG@' 1-@@OM' MAA%' DC-%@L' DG@' MHIB@' A.' '&HDA-J' &%' DG@&-' .I'AC-' .D@-' M@'@-IB' GAC-MÚ GI-L' .&PGD&%P' I%L' HA%M&L@-? IKB@' MIH-&.&H@' A.' B&.@' DG@' ID&%M' .AC%L' DG@3M@B'@M' AKB&P@L' DA' P&'@' FIJ' I%L' &D' INN@I-M' DGID' MA3@' "B@3&%PM' IBI-3@L' ID' DG@' K-I'@-J' I%L' -@MABCD&A%' MA' C%@TN@HD@LBJ' L&MNBIJ@L' KJ' DG@' 5@FM' HA%H@&'@L' DG@' L@M&P%' A.' HA'@-&%P' DG@&-' -@? D-@ID' KJ' M@DD&%P' B&PGD' DA' MA3@' A.' DG@' ILQA&%&%P' GACM@M' G@' .BI3@M' MN-@IL' GAF@'@-' F&DG' .I-' P-@ID@-'-IN&L&DJ' DGI%

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GIL' N-AKIKBJ' K@@%' I%D&H&NID@LR &%' I' .@F' GAC-M' DG@J' GIL'
-@LCH@L' I' BI-P@' NA-D&A%' A.' DG@' SCI-D@-' DA' I' G@IN' A.' M3ACB?
L@-&%P' IMG@MR I%L' DGAM@' A-DGALAT' &%H@%L&I-&@M 3&PGD' MAA%'
@TCBD' &%' DG@' L@3AB&D&A%' A.' I' 3AMSC@' I%L' I' MJ%IPAPC@' <I-O?
%@MM' B@%D' %@F' GA--A-' DA' DG@' MH@%@' I' BC-&L' PBI-@' @TD@%L&%P'
IB3AMD' .-A3' &DIDCM' DA' DG@' @I' A.' I-3A-I' KC-MD' IH-AMM'
DG@' PBAA3R MNI-OM' I%L' MNB&%D@-M' .B@F' &%' @'@-J' L&-@HD&A%R
DG@' .IBB' A.' KC-%&%P' GACM@M FIM' I%%AC%H@L' KJ' DG@' H-IHO&%P'
A.' L&MQA&%D@L' K@I3M' 3&%PB@L' F&DG' DG@' MGACDM' A.' .-I%D&H'
MABL&@-MR I%L' I3&L' DG@' #-IMG' I%L' L&%' A.' I-3M' DG@' L&M?
D-IHD@L' @I-' 3&PGD' .I&%DBJ' L&MD&%PC&MG' DG@' MG-&@OM' A.' FA3@%'
I%L' DG@' H-&@M A.' &%.I%DM' G&M' MGAHO&%P' I%L' L&MP-IH@.CB'
MN@HDIHB@' BIMD@L' D&BB' I%' @I-BJ' GAC-' A%' DG@' .ABBAF&%P+' 3A-%?
&%P' Z CPCMD' DG[' G@' .BI3@M' F@-@' B@MM' @IM&BJ' MCKLC@L'
%L' FG@%' DG@&-' .&&-J' IKID@L' ID' B@%PDG' A%' DG@' @&PGDG' LIJ'
M@'@-IB' MG&NM' FG&HG' GIL' -&LL@%' ID' I%HGA-' &%' DG@B&I-KAC-'
F@-@' .AC%L' DA' K@' KC-%D' F&DG' DG@' FID@-UM' @LP@R I%L' I
DG&-L' A.' #A%MDI%D&%ANB@' GIL' K@@%' BI&L' &%' -C&%M' KJ' DG@'
.&@-H@' I%L' L@'AC-&%P' @B@3@%D

<C-&%P' DG@' N-AP-@MM' A.' DG&M' .-&PGD.CB' HA%.BIP-ID&A%' DG@'
#& &MIL@-M' GIL' %AD' MC..@-@L' DG@' -CB@M' A.' L&MH&NB&%@' A-' DG@'
.@I-' A.' D-@IHG@-J' A-' DG@' HA%M&L@-ID&A%' A.' &%D@%&ID&A%IB'
@%3&DJ' DA' ACDF@&PG' DG@' L&HDID@M' A.' GC3I%&DJR M@'@-IB'
DGACMI%L' 1-@@OM' A.' KADG' M@T@M' I-@' MI&L' DA' GI'@' K@@%' -@?
MHC@L' .-A3' DG@' QIFM' A.' L@IDG' KJ' DG@&-' P@%@-AM&DJ' I%L'
' M@B. NAMM@MM&A%R I%L' I.D@-' DG@' @TD&%HD&A%' A.' DG@' .BI3@M'
<I%LABA' I%L' #AC%D' IBLF&%' DG@' A%BJ' DFA' ID&%' HG&@.M
2 FGA' -@3I&%@L' ID' DG@' HI3N' M@%D' I' 3@MMIP@' DA' *MIIH' &%'
FG&HG' DG@J' @TN-@MM@L' DG@&-' @TD-@3@' MA--AF' I%L' MC-N-&M@'
ID' DG@' -@H@%D' BI3@%DIKB@' AHHC--@%H@' I%L' DG@&-' I%T&@DJ' DA

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L@D@HD' I%L' NC%&MG' DG@' A..@%L@-M' CD' NANCBI-' GID-@L' &M'
KB&%L' I%L' &%L&MH-&3&%ID@'R DG@' 1-@@OM' K@M&L@M' F@-@' -@?
BCHDI%D' DA' .A-MIO@' DG@' %AD' C%NB@IM&%P' HA%'&HD&A%' DGID' DG@'
&%H@%L&I-&@M' IHD@L' F&DG' DG@' HAP%&VI%H@' I%L' @'@%' C%L@-'
DG@' MI%HD&A%' A.' DG@' LAP@' I%L' G&M' IBB&@MR' I%L' DGID' FI%DA%'
IHD' A.' IPP-@MM&A%' A%' DG@' NI-D' A.' I' .@F' K@MADD@L' I%L' .I%I?
D&HIB' D-AAN@-M' .C-%&MG@L' I' MD-A%P@-' GI%LB@' DGI%' I%J' ADG@-'
@'@%D' DA' %ID&A%IB' I%L' -@B&P&ACM' I%&3AM&DJ' G@' @%D&-@'
HA33C%&DJ'&%' D-CDG' GIL' -@IMA%' DA' L@NBA-@' DG@' BID@' HIDI?
MD-ANG@' @&DG@-' IM' I' N-&'ID@' 3&M.A-DC%@' A-' IM' I'NCKB&H' HIBI?
3&DJR' &%'@HD&'@M' I%L' @T@H-ID&A%M' IPI&%MD' DG@' KI-KI-&I%M'
A.' DG@' @MD' -@MAC%L@L' &%' @'@-J' SCI-D@-' DG@' C%@TI3NB@L'
ID-AH&DJ' A.' DG@' %@F' ACD-IP@' FIM' &%' @'@-J' 3ACDG' R I' 3&%PB@L'
H-J' A.' '@%P@I%H@' I%L' L@MNI&-' -AM@' &%' DG@' L@MABID@' MD-@@DM'
A.' #A%MDI%D&%ANB@' R I%L' MA' &33&%@%D' ID' B@%PDG' K@HI3@'
DG@' N-AMN@HD' A.' I' P@%@-IB' &%MC--@HD&A%' DGID' %A' .@F@-' DGI%'
' ID&%' 3@-HGI%DM' DIO&%P' DG@' IBI-3' L@M@-D@L' DG@&-'
LF@BB&%PM' I%L' MACPGD' MG@BD@-' &%' DG@' "-@%HG' HI3N' ID'
1IBIDI

G@' .BI3@M' F@-@' 'ID' BIMD' MCKLC@L' &%' DG@' MD-@@DM' A.'
#A%MDI%D&%ANB@' A%' DG@' /DG' CPCMD' @' GI'@' IB-@ILJ'
3@%D&A%@L' DGID' DG@' N-&%H@' I%L' G&M' HA3NI%&A%M' L&L' %AD'
-@DC-%' DA' DG@' HIN&DIB' D&BB' DG@' DG' A.' A'@3K@-' R I%L' &%'
DG@' &%D@-'IB' A.' D@%' F@@OM' DG@' NIMM&A%M' A.' DG@' 3CBD&DCL@'
F@-@' &%' I' BI-P@' 3@IMC-@' HIB3@L' DG@&-' MC.&@-&%PM' P-@IDBJ'
IBB@'&ID@L' B@T&CM' FGA' FIM' MGAHO@L' IM' F@BB' IM' MC-N-&M@L'
ID' DG@' 3@BICHGA&J' IMN@HD' FG&HG' DG@' H&DJ' N-@M@%D@L' @MN@?
H&IBBJ' DGAM@' SCI-D@-M' FG@-@' DG@' HA%.BIP-ID&A%' GIL' 3IL@'
3AMD' GI'AH' FIM' -@H@&'@L' KJ' DG@' LAP@' I%L' DG@' #AC%D' A.'
"BI%L@-M' F&DG' @'@-J' 3I-O' A.' MJ3NIDGJ' I%L' O&%L%@MM

G@J' @TDABB@L' G&M' HAC-IP@' INNBICL@L' G&M' IHG&@'@3@%DM' HA3NB&3@%D@L' G&3' A%' DG@' MCHH@MM' FG&HG' GIL' IDD@%L@L' G&M'I-3MR I%L'DGID' F@IO 3&%L@L'JACDG' %AD' C%%IDC-IBBJ' '&@F&%P' DG@M@' @TD-I''IPI%D' N-I&M@M' FG&HG' F@-@' &%' -@IB&DJ' L@M&P%@L' &%' DG@' FIJ' A.'HA%MABID&A%' I%L' HA%LAB@%H@' IM' DG@' GA3IP@'QCMDBJ' LC@' DA' G&M' -I%O' I%L' 3@-&D' FIM' DGCM' B@L' DA' &3IP&%@' DGID' &D' FIM' G&M' P@%&CM' Z%AD' DG@&-' 'IBAC-[' FG&HG' FIM' IKACD' DA' -@MDA-@' &%' G&M' N@-MA%' DG@' I%H&@%D' MNB@%LAC-' A.'DG@' ;A3I%' NC-NB@' GID' B@T&CM' IHDCIBBJ' GI-KAC-@L' DG&M' .AAB&MG' I%L' LI%P@-ACM' HA%H@&D' FIM' DAB@-IKBJ' @'&L@%D' &%' G&M' '&M&DM' DA' DG@' HI3N' I.D@-' G&M' -@DC-%' .-A3' DG@' G-I? H&I%' @TN@L&D&A%' : &M' DA%@' FIM' DG@%' AKM@-'@L' DA' K@' 3A-@' P-I'@' G&M' 3I%%@-' 3A-@' PCI-L@LR G&M' K@I-&%P' DAFI-L' DG@' D-AANM' K@HI3@' B@MM' .I3&B&I-' DAFI-L' DG@&-' HG&@.M' B@MM' .-&@%LBJ' R I%L' G&M' BID@-' &%D@-'&@FM' F&DG' <I%LABA' I%L' DG@' I-A%M' F@-@'@3KI--IMM@L' KJ' I%' I&-' A.'A..&H&IB' -@M@-'@' I%L' L&NBA3ID&H' HASC@D-J' D&BB' GIL' DG@' JAC%P' @3N@-A-' L&M? HA'@-@L' I%' &%D@%D&A%' A-' @'@%' I' F&MG' DA' L&MHGI-P@' G&M' AKB&PID&A%M' DA' DG@3' DG@' ID&%M' 3&PGD' GI'@' K@@%' L&MNAM@L' DA' NI&-LA%' DG@' HIN-&H@M' A.' I' F@IO' I%L' FIJFI-L' KAJ = DG@' LCN@' N@-GINM' A.' .BIDD@-J' I%L' .IBM@GAAL' CD' &D' FIM' HB@I-' DGID' G&M' L@M&-@' DA' K-@IO' A..' DG@&-' .A-3@-' &%D&3IHJ' N-AH@@L@L' .-A3' I%' I%T&@DJ' DA' @'IL@' DG@' .CB.&B3@%D' A.' G&M' N-A3&M@M' *D' FIM' D-C@' DGID' DG@' 1-@@O' G@-@MJ' GIL' K@@%' .A-3IBBJ' IK? QC-@L' KJ' DG@' OID-&I-HG' A.' #A%MDI%D&%ANB@' I%L' G&M' HB@-PJR I%L' DGID' MA' .I-' DG@' N-&%H@UM' NB@LP@' DA' -@MDA-@' DG@' NINIB' MCN-@3IHJ' GIL' K@@%' &%' MA3@' M@%M@' -@L@@3@LR KCD' A%' DG@' ADG@-' GI%L' %A' .I-DG@-' &%MDIB3@%D' A.' DG@' ' 3I-OM' GIL' K@@%' -@H@&'@LR I%L' DG@' L@3I%LM' A.' DG@' ID&%M' F@-@' D-@ID@L' KJ' DG@' .IDG@-' IM' F@BB' IM' DG@' MA%' F&DG' &%L&..@-@%H@

8 ! 4 E

I%L L&MLI&% G@ I-SC&M A%&.IH@ FGA .@BD DGID G@ 3&PGD CM@ DG@ .-@@LA3 A. I PCI-L&I%I%L I .-&@%L GIL -@N@ID@LBJ C-P@L G&M JACDG.CB -@BID&'@ DA BAM@ %A D&3@ I%L DA MNI-@ %A L&B&P@%H@ &% MID&M.J&%P DG@&- 'I-&ACM HBI&3M R DG@ ADG@- HG&@.M F@-@ @SCIBBJ @I-%@MD I%L &3NA-DC%ID@ R <I%LABA G&3M@B. IBDGACPG G@ K@PI%' DA &%HB&%@ M@H-@DBJ DA DG@ AN&%&A%' DG ID I -CNDC-@ F&DG DG@ %P@B& 3&PGD %AD K@ C%IDD@%L@L KJ IL'I%DIP@ DA DG@ -@NCKB&H &%M&MD@L %@'@-? DG@B@MM A%' DG@ N-A3ND @T@HCD&A% A. DG@ D-@IDJ A. I-HG G@ @3N@-A- GAF@'@- @&DG@- .-A3 I% &%IK&B&DJ A- I% C%F&BB&%P%@MM DA 3IO@ I .I'AC-IKB@ -@MNA%M@ DA DG@M@ INN@IBM DC-%@L I L@I.@I- DA DG@3 R DG@ 3C-3C-M A. DG@ #-CMIL@-M MAA% P-@F 3A-@ BACL DG@&- NID&@%H@ 3A-@ F@I-J R I%L ID BIMD &% DG@ @I-BJ NI-D A. DG@ 3A%DG A. 5I%CI-J I% @3KIMMJ HA%M&MD&%P A. 1@A..-@J L@ $&BB@GI-LAC&% #A%A%' L@ WDGC%@ &B@M L@ -IKI%D I%L DG-@@ %AKB@ $@%@D&I%M FIM L@MNIDHG@L .-A3 DG@ HI3N ID 1IBIDI DA #A%MDI%D&%ANB@ +&DG &%MD-CHD&A%M DA -@HIBB DA DG@ 3@3A-J A. *MIIH I%L G&M MA% DG@ M@-'&H@M A. DG@ #A%.@L@? -ID@M R DA -@3&%L DG@3 DGID DG@ @T@HCD&A% A. DG@ D-@IDJ FIM MD&BB N@%L&%PR I%L DA &%D&3ID@ DGID C%B@MM DG@J F@-@ L&MNAM@L DA HA3NBJ ID A%H@ F&DG DG@ D@-3M A. DGID HA3? NIHD DG@ <AP@ A. $@%&H@ I%L DG@ I-A%M A. "-I%H@ GIL -@MAB'@L DA AKDI&%' -@L-@MM KJ .A-H@ A. I-3M WDGC%@ I%L G&M HA3NI%&A%M IBDGACPG &%L@@L DG@&-3&MM&A% FIM .CBB A. GIVI-L P%L L&..&HCBDJ C%L@-DAAO &D F&DG HG@@-.CB%@MM I%L IBIH-&DJ G@J B@.D DG@ HI3N A% GA-M@KIHO IHHA3? NI%&@L KJ I' .@F IDD@%LI%DM -AL@ IH-AMM DG@ K-&LP@ A. DG@ F@@D ID@-M I%L IB&PGD&%P ID DG@ PID@ A. BIHG@-% -@? NI&-@L A% .AAD DA DG@ NIBIH@ G@ NIDG FIM G@LP@L KJ

I' LACKB@' B&%@' A.' I-I%P&I%M'Ř &D' INN@I-@L' DA' K@' I' LIJ' A.' H@-@3A%JR I%L' DG@' I-A%M ' GI '&%P' DG-@IL@L' DG&M' PB&DD@-? &%P' .&B@ ' &%D-ALCH@L' DG@3M@B '@M' &%DA' DG@' ICPCMD' N-@M@%@@' A.' DG@' %P@BQ ' G@J' .AC%L' *MIIH' -@HB&%&%P' A%' I' DG-A%@ ' MCNNA-D@L' A%' A%@' M&L@' KJ' G&M' MA%' B@T&CM ' A%' DG@' ADG@- ' KJ' G&M' MNACM@' I-PI-@D' A.' : C%PI-JŘ I' K-&BB&I%D' DG-A%P' A.' 3&%&MD@-M ' L@N@%L@%DM ' I%L' LA3@MD&HM ' .&BB@L' DG@' GIBB'Ř I%L' I' M&%PB@' PBI%H@' MC..&H@L' DA' IMMC-@' DG@' L@NCD&@M 'DG ID' DG@J' F@-@' &%' DG@' 3&LMD' A.'DG@' JVI%D&%@'HAC-D ' A'D&3@ ' DG@% ' FIM' DA' K@' BAMD ' G@&-' @%D-I%H@' FIM' &%D-CM&'@' ' I' 3A3@%DUM' G@M&DID&A%' A-' L@BIJ' 3&PGD' -@%L@-' DG@&-' -@D-@ID' &3N-IHD&HIKB@ ' WDGC%@ 'DG@-@.A-@ '&33@L&ID@BJ' L@B&'@-@L' DG@' N@-@3NDA-J' 3@MMIP@ 'A.' FG&HG' G@' I%L' DGAM@ ' FGA' F@-@' F&DG' G&3 ' F@-@' DG@' QA&%D' K@I-@-MR' G@' I%%AC%H@L' &%' I' 'A&H@ ' FG&HG' HACBL' %AD' K@' *U@IL&BJ' 3&MDIO@% ' DG@' G&PG' -@MABCD&A% ' FG&HG' GIL' K@@%' .A-3@L' KJ' DG@' <AP@' I%L' DG@' I-A%M = I' -@MABCD&A% ' A%' FG&HG' DG@J' F@-@' .CBBJ' N-@NI-@L' DA' IHD ' MGACBL' DG@&-' B@P&D&3ID@' HBI&3M' .I&B' DA' 3@@D' F&DG' N-A3NDUIDD@%D&A%' I%L' MID&M.IHD&A%R I%L ' DG@&-' IL '@%DC-ACM' 3&MM&A%' K@&%P' DGCM' ID' I%' @%L ' DG@' I3KIMMILA-M' -@D&-@L' .-A3' DG@' GIBB' F&DGACD' NICM&%P' DA' DIO@' B@I '@ ' A-' DA' AKM@-'@' DG@' @..@HD ' FG&HG' DG@J' GIL N-ALCH@L ' G@J' .A-DC%ID@BJ' MCHH@@L@L' &%' -@IHG&%P' F&DGACD' 3AB@MDID&A%' DG@' PID@ ' FG@-@' DG@J' GIL' B@.D' DG@&-' GA-M@M' I%L' IDD@%LI%DM'Ř I%L ' MQN-&%P&%P' DA' DG@&-' MILLB@M ' DG@J' -@DC-%@L ' ID' .CBB' PIBBAN ' DA' DG@' HI3N

CD' DG@' MCLL@%' INN@I-I%H@' A.'DG@' L@NCD&@M'&%' DG@' HIN&DIB ' I%L' DG@&-' @SCIBBJ' MCLL@%' L@NI-DC-@ ' GIL' P&'@%' -&M@' DA' I' P@%@-IB' .@@B&%P' A.' MC-N-&M@' I%L' HC-&AM&DJR -C3AC-M' F@-@' MAA%' -&.@ ' MC-3&M@M' I%L' HA%Q@HDC-@M' F@-@' MSA%' IKC%LI%D ' IM' DA' DG@' AKQ@HD' A.' DG@' "ID@ '&M&DR' @'@-J' A%@' INN-@G@%L@L

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MA3@' %@F' LI%P@-' A-' MCMN@HD@L' MA3@' .-@MG' I..-A%D'R I%L'
IBDGACPG'DG@' P-@ID@-'NI-D'A.'DG@'NCKB&H'F@-@'MD&BB'&P%A-I%D'
A.'DG@'-@IB'HICM@'A.'DG@'DC3CBD'DG@'FGAB@'H&DJ'FIM'DG-AF%'
&%'I'MGA-D'D&3@' &%DA'I'MDID@'A.'L@B&-&ACM'@TH&D@3@%D' %L'
FG@%'DG@J'IHDCIBBJ'IMH@-DI&%@L'DG@'%IDC-@'A.'DG@'3&MM&A%'
F&DG'FG&HG' WDGC%@'I%L'G&M'.&'@'HA3NI%&A%M'GIL'K@@%'
HGI-P@L'I%L'L&MHA'@-@L'3A-@A'@-'DGID'DG@' ID&%'I3KIM?
MILA-M'GIL'MCHH@@L@L'&%'@MHIN&%P'.-A3'DG@&-'GI%LM'DG@'
-IP@'A.'DG@'1-@@OM'@TH@@L@L'IBB'KAC%LM' *%'DG@&-'.-@%VJ'
DG@J'DC-%@L'&%MD&%HD&'@BJ'IM'&D'F@-@'.-A3'DGAM@'FGA'GIL'
A..@-@L'DA'DGAM@'FGA'GIL'KA-%@'MA'ACD-IP@ACM'I%'&%MCBD'
G@'NANCBI-'&%L&P%ID&A%'IPI&%MD'DG@'#-CMIL@-M'.AC%L'@%D'
&%'I'P@%@-IB'H-J'DGID' B@T&CM'GIL'MABL'G&M'HAC%D-J'DA'DG@'
@MD@-%'KI-KI-&I%M'DGID'DG@' %P@B&'F@-@'C%.&D'DA'-@&P%'
I%L'DGID'&D'FIM'.CBB'D&3@'DA'@B@HD'&%'DG@&-'MD@IL'I'N-&%H@'
FGA'FIM'HINIKB@'A.'B@IL&%P'DG@3'DA'&HDA-J'I%L'-@MDA-&%P'
DG@3'DA'.-@@LA3

G@'P-@ID@MD'IP&DID&A%'I%L'IBI-3'%AF'N-@'I&B@L'ID'DG@'
NIBIH@' B@T&CM'KC-%@L'F&DG'-IP@'I%L'@TID&A%R'*MIIH'
SC&'@-@L'F&DG'.@I-'R I%L'FG@%'DG@'BIDD@-'FIM'INN-&M@L'DGID'
DG@'3AK'GIL'IB-@ILJ'L@3AB&MG@L'DG@'HABAMMIB'MDIDC@'A.'
&%@-'I'&%'DG@' SCI-@'A.'#A%MDI%D&%@'G@'A-L@-@L'DG@'
#IB@LA%&I%' AI-'I'K-A%V@'FG&HG'MDAAL'&%'DG@':&NNA?
L-A3@'I%L'FG&HG'FIM'CBPI-BJ'MCNNAM@L'DA'HA%DI&%'MA3@'
HGI-3'IPI&%MD'M@L&D&A%'DA'K@'-@3A'@L'DA'DG@'N-@H&%HDM'A.'
BIHG@-%' !'@-J'HA-%@-'A.'#A%MDI%D&%ANB@'@A%D&%C@L'
GAF@'@-'DA'-@MAC%L'F&DG'I'HA%.CM@L'L&%'A.'MGACDM'H-&@M'
I%L'@T@H-ID&A%M'R I%L'&D'M@@3@L'IM'DGACPG'@'@-J'.@@B&%P'
FG&HG'HI%'@TIBD'A-'IKIM@'GC3I%'%IDC-@'GIL'K@@%'HIBB@L'
&%DA'IHD&A%'KJ'DG@'@%D-J'A.'I'.@ +MD-I%P@-M'&%DA'DG@'H&DJ

I%L NIBIH@ A. DG@ #I@MI-M G@ 1-@@OM &% D-CDG FG&B@ DG@J BIJ IM &. MN@BB KAC%L C%L@- DG@ KIB@.CB &%.BC@%H@ A. I N-A.B&PID@ HAC-D I%L I KIL PA'@-%3@%D HACBL %AD G@BN -@PI-L&%P MCHQ& I% &%MCBD IM DG@ ID&% @3KIMMJ GIL A..@-@L DA DG@ DG-A%@ IM I %ID&A%IB L&MGA%AC-R DG@&- N-&L@ FIM MD&3P DA DG@ SC&HO KJ MA P-AMM I%L LI-&%P I '&ABID&A% A. DG@ ;A3I% NC-NB@R I%L &D FIM &% I .-I%D&H ACDKC-MD A. BAJIBDJ I%L @%DGCM&IM3 DGID DG@J HA%H@&'@L DG@ L@M&P% A. P-ID&.J&%P DG@&- -@'@%P@ I%L IHG&@'&%P DG@&- L@B&'@-I%H@ KJ L@MD-AJ&%P DGID .B@@D A% FG&HG &D 3&PGD K@ MI&L DGID DG@ GAN@M A. DG@ ID&%M 3I&%BJ -@MD@L I%L DG@ MCHH@MM A. DG@&- C%L@-DIO&%P

%@ LI-O I%L PCMDJ %&PGD &% 3&LF&%D@- I M@%D&%@B NBIH@L ID A%@ A. DG@ ACDNAMDM A. DG@ "-@%HG HI3N MCLL@%? BJ N@-H@&'@L &% DG@ L&MDI%H@ I K-AIL J@D K-AO@% MG@@D A. .BI3@ FG&HG M@@3@L DA K@ INN-AIHG&%P F&DG P-@ID-IN&L&DJ DGID NI-D A. DG@ GI-KAC- FG@-@ DG@ $@%@D&I% .B@@D BIJ ID I%HGA- G@ MABL&@- &%MDI%DBJ PI'@ DG@ IBI-3 DG@ MG&NUM H-@FM F@-@ SC&HOBJ A% DG@ IB@-DR I%L DG@ N-IHD&M@L @J@ A. DG@ 3I-&%@-M -@IL&BJ L&MHA'@-@L DG@ %IDC&U@ IM F@BB IM DG@ N-AT&3&DJ A. DG@ LI%P@- G@ B&PGD A. FG&HG DG@ "-@%HG '&L@DD@ GIL P&'@% MCHG D&3@BJ FI-%&%P FIM .AC%L DA N-AH@@L .-A3 I B&%@ A. .&-@ MG&NM FG&HG GIL K@@% &P%&D@L INN -@%DBJ KJ DG@ 1-@@OM ID DG@ MACDG@%& @TD-@3&DJ A. DG@ GI-KAC- I%L M@%D IL-&.D LAF% DG@ :A-% G@ MI&BA-M FGA .I&B@L %AD ID DG&M H-&D&HIB HA%QC%HDC-@ DA @TG&K&D DG@&- HCMDA3I-J GI-L&GAAL I%L N-@M@%H@ A. 3&%L DG-@F DG@3? M@B'@M F&DGACD G@M&DID&A% A- L@BIJ &%DA DG@&- PIBB@JM -AF@L ID .CB MN@@L DAFI-L DG@ KBIV&%P '@MM@BM I%L M@&V&%P DG@3 F&DG BA%P GAAO@L NAB@M DAF@L DG@3 DA DG@ 3ACDG A. DG@

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NA-D‘ FG@-@‘ DG@J‘ BAAM@%@L‘ DG@&-‘ GABL‘ I%L‘ MC..@-@L‘ DG@‘ MG&N+‘DA‘ K@‘ HI--&@L‘ KJ‘DG@‘ HC--@%D‘ &%DA‘ DG@‘ 3I&%‘ G@‘ &%D@%L@L‘ '&HD&3M‘A.‘DG@‘ NBAD‘DGCM‘@MHIN@L‘F&DGACD‘MCMDI&%? &%P‘I%J‘&%QC-J‘A-‘LI-ID+@‘ CD‘DG@‘&%H@%L&I-&@M‘DG@3M@B'@M‘ 3&PGD‘-@P-@D‘DG@‘BAMM‘A.‘I‘O&MI%‘ 3@-HGI%D3I%‘FG&HG‘FIM‘ KC-%D‘DA‘DG@‘ FID@-UM‘@LP@

G@‘#-CMIL@-M‘GAF@'@-‘IBDGACPG‘DG@J‘F@-@‘-@B&@'@L‘ .-A3‘DG@‘&33@L&ID@‘N@-&B‘KJ‘DG@‘M@B. NAMM@MM&A%‘I%L‘DIHD‘ A.‘DG@‘$@%@D&I%‘3I-&%@-M‘GIL‘%AF‘K@PC%‘DA‘MCMN@HD‘DGID‘ DG@‘BID@‘3A'@3@%D‘FIM‘3@-@BJ‘I‘HA'@-‘DA‘I‘3A-@‘@TD@%? M&'@‘B&%@‘A.‘AN@-ID&A%M‘I%L‘DGID‘&D‘FIM‘ZI%L‘3&PGD‘K@‘MD&BB[‘ DG@‘&%D@%D&A%‘A.‘DG@‘1-@@OM‘DA‘MIBBJ‘.-A3‘DG@‘%A-DG@-%‘ PID@‘&%‘.A-H@‘I%L‘DA‘IDDIHO‘DG@‘ ID&%M‘KADG‘&%‘.BI%O‘I%L‘ -@I-‘FG&B@‘DG@‘BIDD@-‘F@-@‘DGACPGD‘DA‘K@‘KCM&BJ‘@%PIP@L‘ &%‘I'A&L&%P‘A-‘@TD&%PC&MG&%P‘DG@‘.BI3@M‘ %T&ACM‘DA‘N-A? '&L@‘.A-‘MCHG‘I%‘IBI-3&%P‘HA%D&%P@%HJ‘DG@‘ I-A%M‘A-L@-@L‘ DG@@&-‘.ABBAF@-M‘DA‘P@D‘ID‘A%H@‘C%L@-‘I-3MR‘I%L‘DG@‘HI3N‘ HA%M@SC@%DBJ‘MAA%‘N-@M@%D@L‘I‘KCMJ‘MH@%@‘A.‘N-@NI-ID&A%‘ .A-‘IHD&A%‘ G@‘MC-3&M@‘GAF@'@-‘N-A'@L‘.IBM@‘DG@‘N-@? HICD&A%‘MCN@-.BCACMR‘I%L‘%A‘.I-DG@-‘MD&-‘K@&%P‘3IL@‘ KJ‘DG@‘K@M&@P@L‘DG@‘D-AANM‘F@-@‘MC..@-@L‘DA‘-@DC-%‘DA‘ SCI-D@-M

‘ HI-H@BJ‘GIL‘DG@J‘M@NI-ID@L‘FG@%‘I‘3@MM@%P@-‘I--&'@L‘ .-A3‘#A%MDI%D&%ANB@‘I%L‘MAB&H&D@L‘I%‘ICL&@%H@‘A.‘<I%LABA‘ I%L‘G&M‘HA%.@L@-ID@MR‘G&M‘%I3@‘FIM‘ B@T&CM‘<CHIMR‘I%L‘ AF&%P‘&D‘&M‘MI&L‘DA‘DG@‘M&%PCBI-‘MGIPP&%@MM‘A.‘G&M‘@J@? K-AFM‘G@‘FIM‘HA33A%BJ‘L@M&P%ID@L‘KJ‘G&M‘HAC%D-J3@%‘

) ‘ G&M‘3I%‘GIL‘K@@%‘&%MD-CHD@L‘&D‘INN@I-@L‘ KJ‘DG@‘JAC%P@-‘ %PHBCM‘DA‘@TN-@MM‘G&M‘L@@N‘-@P-@D‘ID‘ DG@‘-@H@%D‘AHHC--@%H@‘FG&HG‘G@‘IMH-&K@L‘DA‘DG@‘KB&%L

I%L' K-CDIB' .ABBJ' A.' DG@' NANCBIH@'R' DA' L@HBI-@' DGID ' MA' .I-'
IM' DGID' N-&%H@' FIM' N@-MA%IBBJ' HA%H@-%@L ' G@' F&MG@L I%L'
&%D@%L@L' DA' .CB.&B' G&M' @%PIP@3@%DM' F&DG' DG@3R' I%L' DA'
I%%AC%H@ ' DGID' G@' FIM' N-@NI-@L' DA' NBIH@' DG@' NIBIH@' A.'
BIHG@-%' &%' &@' GI%LM' A.' DG@' ID&%M ' IM' I' DAO@%' A.' G&M'
PAAL' .I&DG ' I%L' I' PCI-I%D@@' .A-' DG@' @T@HCD&A%' A.'DG@'D-@IDJ '
G@' %ID&'@M' A.' DG@' @MD' GIL' B@I-%@L' BA%P' M&%H@' DA' BAAO'
CNA%' DG@' 1-@@OM' IM' I' HC%%&%P' I%L' L@H@&D.CB' -IH@ ' -@BCHDI%D'
DA' @3NBAJ' AN@%' .A-H@ ' D&BB' @'@-J' ADG@-' -@MAC-H@' FIM' @T?
GICMD@L ' G@' -@H@%D' NBAD ' IBDGACPG' &D' 3&PGD ' N@-GINM ' K@'
QCMD&.&@L' KJ' DG@' B&K@-IB' 3IT&3M' A.' FI-' GIL' DICPGD' DG@'
ID&%M' DA' K@' @TD-@3@BJ' H&-HC3MN@HD' I%L' PCI-L@L' &%' DG@&-'
L@IB&%PM' F&DG' DG@' HAC-D A.' #A%MDI%D&%ANB@R' I%L' DG@' N-@M@%D'
N-ANAMIB ' GAF' .I&-' I%L' -@IMA%IKB@' MA@'@-' &%' &DM' ACDFI-L'
IMN@HD ' FIM ' .-A3' &DM' %IDC-@' I%L' A-&P&% ' N@HCB&I-BJ' B&IKB@' DA'
MCMN&H&A% ' @D' DG@' DIHD' A-' &3NA-DC%IHJ' A.' <CHIM @- '
-CB@L ' &D' FACBL' M@@3 ' IBB' AKQ@HD&A%M' R' I%L' I%' I--I%P@3@%D'
FIM' HA%HBCL@L' A%' DG@' MNAD ' KJ' FG&HG' BIHG@-%' FIM' DA'
K@' P&'@%' CN' DA' DG@' HG&@.M' A.' DG@' #-CMIL@' &%' DG@' HAC-M@'
A.' I' .@F' LIJM ' CD ' &%' DG@' &%D@-'IB ' I' M@HA%L' 3@MM@%P@-'
I%%AC%H@L ' DGID' I%' C%.A-@M@@%' H&-HC3MDI%H@' GIL' B@L' DG@'
%P@B&' DA' HGI%P@' DG@&-' '&@FM' R' I3&L' DG@' P@%@-IB' .@-3@%DI?
D&A%' I%L' @T@&D@3@%D ' FG&HG' N-@'I&B@L' ID' N-@M@%D' &%' DG@'
HIN&DIB ' DG@' @%D-J' A.' DG@' ID&%M' &%DA' #A%MDI%D&%ANB@' 3&PGD'
N-A'AO@' I%' &%MC--@HD&A%' R' I%L' &D' FACBL ' &%' DG@&-' AN&%&A% '
K@' C%MI.@' .A-' <I%LABA' I%L' DG@' I-A%M' DA' HA3NBJ' F&DG'
DG@' -@H@%D' &%'&DID&A%' A.' B@T&CM ' : @-@CNA%' DG@' %@PAD&I?
D&A%M ' FG&HG' 3&PGD' K@' MI&L' DA' GI'@' K@@%' AN@%@L' F&DGACD'
I%J' N-@H&M@' AKQ@HD ' I%L' DA' GI'@' K@@%' HA%HBCL@L' F&DGACD'
I%J' -@IB' PAAL' F&BB' A%' H&DG@-' M&L@ ' F@-@' MC&"@-@L' DA' L-AN

=>@ ' ' ' '= @

IBDAP@DG@-'DG@ K@M&@P@-M L@D@-3&%&%P'IM DG@J I%%AC%H@L' DA LLIJ %A BA%P@-' &%' HI--J&%P &%DA @T@HCD&A%' DG@&-' DG-@ID' A.' AKDI&%&%P'DG@&-'QCMD' L@3I%LM IDDG@ NA&%D A.'DG@ MFA-L' FG&B@ DG@ K@M&@P@L' &%L&HID@L' I%' @SCIBBJ .&-3' -@MABCD&A%' DA' N-ND@HD'DA' DG@ BIMD @TD-@3&DJ'DG@&-'B&K@-D&@M I%L'DG@&-'B&'@M' %L' I%' &3NI-D&IB MC-'@J A.'DG@ 3@I%M' FG&HG DG@ K@BB&? P@-@%DM NAMM@MM@L' .A-' IHG&@'&%P DG@&-' -@MN@HD&'@ @%LM' IB3AMD B@.D DG@ MN@HDIDA-' ID' I'BAMM DA L@H&L@'FG&HG FACBL' CBD&3ID@BJ' PI&%' DG@ IL'I%DIP@ &%' DG@ INN-AIHG&%P HA%D@MD' A'DG@ HG&'IB-&H I-LAC-'A.'DG@'"-@%HG I%L'DG@'D-&@L'K-I'@-J' A.'DG@'$@%@D&I%M DG@ 1-@@OM 3&PGD ANNAM@'&D FIM D-C@'MC? N@-&A-' %C3K@-M' I' 3A-@ HA33I%L&%P NAM&D&A%' I%L' 3A-@ I3NB@ -@MAC-H@MR DG@ DIB@%DM A.' G@ALA-@ IMHI-&M I%L' B@T&CM C-DVCNGB@M Q DG@'MD@ILJ'L&MH&NB&%@' A.'DG@'$I-I%? P&I%' 1CI-L' I%L'DG@' IHD&'@'Q@IBACMJ'A.'DG@'O&MI%' ICT&B&I-&@M Q I%L' 3A-@A'@-'DG@J 3&PGD I--IJ' A%' DG@&-' M&L@' @'@-J 3A? D&'@' DA' @T@-D&A%' @'@-J NB@I' IPI&%MD' &%IHD&A%' CD' A%' DG@' ADG@-' GI%L' DG@-@' F@-@' .@F' I3A%P' DG ID' BI-P@' NANCBID&A%' FGA' NAMM@MM@L' DG@' B@IMD' M&%PB@%@MM A.'NC-NAM@' A-' %AKB@%@MM A.'G@I-D' IBB FIM HA--CND&A%'@%IB&DJ'L@HIJ' G@' F@IBDG' FG&HG MGACBL' GI'@' K@@%' HA%'@-D@L' DA' DG@' NCKB&H IL'I%? DIP@' FIM IKMA-K@L' KJ' N@HCBID&A%' I%L' 3A%ANABJR DG@' HI? NIH&DJ' FG&HG 3&PGD GI'@' MI'@L' DG@' DID@' FIM N-AMD&DCD@L' DA' DG@' M@-'&H@' A.' NI-DJ' V@IB' A-' K@%D' A%' DG@' NC-MC&D' A.' N@-? MA%IB PI&%R I%L' DG@' P-@ID' KALJ' A.' DG@' N@ANB@' C%B@MM DG@J' F@-@' PAIL@L' DA' 3IL%@MM KJ' MA3@' FI%DA%' IHD' A.' IPP-@M? M&A%' A-' L@MNAD&M3' M@@3@L' DA' K@' MC%O' &%' B@DGI-PJ' I%L' MDCNA-

G&B@' DAA' MA3@' A.' G&M N-@L@H@MMA-M GIL' K@@%' P-@ID' KJ' DG@&-' '&-DC@M' I%L' ADG@-M GIL' IDDI&%@L'+P-@ID%@MM &%' MN&D@

H-D@L F@-@ IBB G&M NBI%M DGID DGAM@ N-&%H@M K@HI3@ HA%? MH&ACM A. DG@ L@HB&%@ A.DG@&-&%.BC@%H@ I%L NANCBI-&DJ A%BJ FG@%&D FIM DAA BID@ DA MI'@ DG@3M@B'@M .-A3 L@MD-CHD&A% A HA%MC333ID@ &%L@@L FIM G&M LCNB&H&DJ A-MA MD-A%P DG@&- &%.IDCID&A% DGID @'@% FG@% DG@ N@ANB@ IMM@3KB@L DAFI-L DG@ HBAM@ A.5I%CI-J &% DG@ HGC-HG A. I&%D ANG&I .A- DG@ N3UNAM@ A. L@B&K@-ID&%P A% DG@ SC@MD&A% A. &%D-A? LCH&%P MA3@ HGI%P@ &%DA DG@ PA'@-%3@%D KADG *MIIH I%L G&M MA% MD&BB -@.CM@L DA K@B&@'@ DGID I%J MCHG L@M&P% FIM &% HA%D@3NBID&A% C-DVCNGB@M GAF@'@- GIL K@@% FG&M? N@-&%P &% DG@ NANCBI- @I- DGID B@T&CM FIM A% DG@ NA&%D A.L@B&'@-&%P CN DG@ H&DJ DA DG@ O&BP-&3 MR I%L DG@ 1-@@OM C%IKB@ DA K@I- DG@ DGACPGD A- N-AMN@HD A.MCHG I% &%L&P? %&DJ GIL ID BIMD PA%@ MA .I- IM DA L@HBI-@ DGID DG@ %P@B& GIL .A-.@&D@L DG@&- HBI&3 DA DG@ DG-A%@ DGID DG@J GIL H@IM@L DA -@&P%

@D IBDGACPG B@T&CM I%L G&M .IDG@- F@-@ L@M@-'@LBJ AKQ@HDM A. P@%@-IB -&L&HCB@ I%L HA%D@3NDU DG@ HGA&H@ A. DG@&- MCHH@MMA-M FIM %@'@-DG@B@MM .I- .-A3 K@&%P I% @IMJ DIMO BB FGA F@-@ HINIKB@ I%L FA-DGJ A..&BB&%P DGID @T? IBD@L MDID&A% MDCL&ACMBJ MGC%%@L I L&P%&DJ FG&HG A..@-@L %AF %A M@HC-&DJ .A- P@%DB@ %A MHAN@ .A- I3K&D&ACM %I? DC-@M R I%L DG@ 1-@@OM @TIMN@-ID@L K@JA%L 3@IMC-@ ID DG@ C%.A-@M@@% L&..&HCBDJ FG&HG DG@J @TN@-&@%H@L &% .&%L? &%P I 3IMD@- F@%D MA .I- &% DG@ N-C-&@%HJ A. DG@&& -IP@ IM DA 3@%IH@ F&DG &33@L&ID@ L@IDG DGAM@ FGA3 DG@J HA%? M&L@-@L HA3N@D@%D I%L .AC%L C%F&BB&%P DA L&MHGI-P@ DG@ N-A..@-@L D-CMD &DG I M&%PB@ @TH@ND&A% GAF@'@- DG@ AKQ@HDM A. DG@ NANCBI- HGA&H@ LI-@L DA N-@.@- DG@ @LP@ A. DG@ LIPP@- DA I%@3NDJ I%L AL&ACM L&MD&%HD&A%R I%L &D FIM

=><‘ :* ; ‘ "‘ $! *#!‘ ‘ %&

KJ‘ 3@-@‘ L&%D‘ A.‘ DG-@IDM‘ BJ&L‘ @%D-@ID&@M‘ DGID‘ G&M‘ HAC%D-J?
3@%‘ A'@-HI3@‘DG@‘MD-A%P‘-@NCP%I%H@‘A.‘ &HGABIM‘#I%IK@M‘
I‘JAC%P‘ 3I%‘ A.‘%AKB@‘K&-DG‘ I%L‘ I3&IKB@‘ L&MNAM&D&A%‘J@D‘
FGABBJ‘&%HINIKB@‘ A.‘ .&BB&%P‘ MCHG‘ I‘G&PG‘ I%L‘ -@MNA%M&KB@‘
NAM&D&A%‘ ID‘ MCHG‘ I%‘ @TD-IA-L&%I-J‘ H-&M&M

GID‘DG@‘%ID&A%‘-@IBBJ‘FI%D@L‘FIM‘@%@-PJ‘I%L‘L@H&M&A%R
DG@‘ P@%&CM‘ DA‘ .A-3‘ NBI%M‘DG@‘ HAC-IP@‘ DA‘ @T@HCD@‘ DG@3R
I%L‘DG@M@‘SCIB&D&@M‘&D‘.AC%L‘&%‘I%‘@3&%@%D‘L@P-@@‘&%‘<CHIM‘
C-DV%NGB@M‘ <C-&%P‘DG@‘N@-&AL‘FG&HG‘&33@L&ID@BJ‘N-@?
H@L@L‘DG@‘ @B@HD&A%‘ A.‘ #I%IK@M‘DG@‘ #GI3K@-BI&%‘ GIL‘ %AD‘
H@IM@L‘ DA‘ AKM@-'@‘ DG@‘ HAC-M@‘ A.‘@'@%DM‘ F&DG‘ I%‘ I%T&ACM‘
I%L‘ '&P&BI%D‘ @J@R G&M‘ IHD&'@‘ I%L‘ I3K&D&ACM‘ 3&%L‘ DAAO‘
@'@-JDG&%P‘&%DA‘HIBHCBID&A%‘ I%L‘ IHHAC%D‘@ I%L‘ C%L@-‘DG@‘
3IMO‘A.‘.-&@-&.BMG&N‘A-‘NID-&AD&M3‘DG&M‘KABL‘KIL‘3I%‘ID‘BIMD‘
MCHH@@L@L‘ &%‘ -@3A'&%P‘ IBB‘DG@‘ AKMDIHB@M‘FG&HG‘BIJ‘ &%‘DG@‘
FIJ‘A.‘G&M‘AF%‘IL'I%H@3@%D‘ J‘G&M‘ILL-@MM‘G@‘PI&%@L‘DG@‘
@I-‘A.‘DG@‘D-@IMC-@-R DG@‘HABBCM&A%‘A.‘DG@‘D-@IMC-@-‘@%IKB@L‘
G&3‘ DA‘ HA--CND‘I%L‘ HA%H&B&ID@‘DG@‘ $I-I%P&I%M‘ <CHIM‘
QCLP@L‘I%L‘G@‘QCLP@L‘-&PGDBJ‘DGID‘DG@‘-@MD‘3&PGD‘K@‘MI.@BJ‘
B@.D‘DA‘G&M‘AF%‘@T@-D&A%M‘ %@‘@'@%&%P‘Z&D‘FIM‘DGID‘A.‘
DG@‘ DG‘A.‘"@K-CI-J‘ ['DG@‘HGI3K@-BM&&%‘@%D@-@L‘DG@‘NI?
BIH@‘I.D@-‘LCMO‘IHHA3NI%&@L‘KJ‘I‘.@F‘MID@BB&D@MR DG@‘BIDD@-‘
GIL‘-@H@&'@L‘DG@&-‘&%MD-CHD&A%M‘R I%L‘ID‘I‘P&'@%‘M&P%‘DG@J‘
M@&V@L‘ #I%IK@M‘I%L‘GC--&@L‘G&3‘IFIJ‘DA‘I‘LI-O‘I%L‘L&M?
DI%D‘LC%P@A%‘FG@-@‘G&M‘N-@M@%H@‘FACBL‘K@‘C%MCMN@HD@L‘
G&M‘H-&@M‘C%Y&HI-L‘ G@‘MI3@‘%&PGD‘DG@‘JAC%P@-‘ %P@BCM‘
FIM‘-ACM@L‘.-A3‘G&M‘MBC3K@-M‘KJ‘DG@‘MCLL@%‘I%L‘MDI-DB&%P‘
I%%AC%H@3@%D‘DGID‘I‘-@'ABCD&A%‘FIM‘DIO&%P‘NBIH@‘&%‘DG@‘
HIN&DIBR I%L‘DGID‘C%.A-DC%ID@‘JACDG‘L&MD-IHD@L‘KJ‘DG@‘
%A&M@‘L@H@&'@L‘KJ‘DG@‘LI-O%@MM‘MC&"@-@L‘G&3M@B.‘DA‘K@

8#B#' E (%& ; ' A-' , ' E

B@L' KJ' C-DVCNGB@M' .A-' DG@' MIO@' AM' DG@' BIDD@-' IBB@P@L' A.'
P-@ID@-' M@HC-&DJ' &%DA' I%' ILQA&%&%P' HGI3K@-' FG@-@' G@' FIM'
MD-I%PB@L' KJ' DG@' A-L@-' I%L' &%' DG@' N-@M@%H@' A.' G&M' N-@?
D@%L@L' L@B&'@-@-' C-DVCNGB@M' MD-A'@' DA' HA%H@IB' G&M' PC&BD'
KJ' IPP-I''ID&%P' &D'R I%L' DG@' J@D' NIBN&DID&%P' KALJ' A.' G&M'
'&HD&3' FIM' HA'@-@L' F&DG' K-C&M@M' I%L' MHI-M' &%' A-L@-' DGID'
FG&B@' DG@' HA-NM@' BIJ' &%' MDID@' &D' 3&PGD' INN@I-' DGID' DG@'
@3N@-A-' GIL' L&@L' .-A3' DG@' @..@HD' A.' I' .IBB' '.@F' LIJM'
I.D@%'I-LM' DG@' %IDC-IB' H-I'&%P' A.' DG@' 3CBD&DCL@' .A-' MGAF'
I%L' NIP@I%D-J' FIM' P-ID&.&@L' KJ' DG@' NA3NACM' &%D@-3@%D' A.'
B@T&CM' &%' DG@' HGC-HG' A.' DG@' NAMDB@M +

' G@U&%D@BB&P@%H@' A.' DG@' L@IDG' A.' G&M' MA%' FIM' I' D@--&KB@'
I' .IDIB' MGAHO' DA' DG@' .@@KB@' G@IBDG' A.' *MIIH' FGA' GIL' K@@%'
P-ILCIBBJ' M&%O&%P' &%DA' G@BNB@MM' L@H-@N&DCL@'R I%L' DGID'
N-&%H@' FIM' MI'@L' N@-GINM' .-A3' I' M&3&BI-' LAA3' KJ' I'
D&3@BJ' I%L' I' %ID3UIB' L@3&M@' G@' MCLL@%' I%L' 3@BI%?
HGABJ' @%L' A.' DG@' %P@B&' H-@ID@L' &%' DG@&-' .I'AC-' I' P@%@-IB'
DGACPG' 3A3@%DI-J' .@@B&%P' A.' MJ3NIDGJ' I%L' -@P-@DR' I%L'
DG@' IMMIMM&%UM' HA-L' M@@3@L' .A-' I' FG&B@' ID' B@IMD' DA' -@%L@-'
DG@' 3@3A-J' A.' DG@' .IDG@-' I%L' DG@' MA%' B@MM' AL&ACM' DGI%'
DG@&-' @I-DGBJ' HI-@@-' N-A3&M@L' A-' L@M@-'@L' *D' -@SC&-@L'
%A' '@-J' @TD-IA-L&%I-J' NAF@-' A.' &%M&PGD' &%DA' GC3I%'%IDC-@'
DA' .A-@M@@' DG&M' MB&PGD' -@IHD&A%' A.' NCKB&H' AN&%&A%'R <CHIM' A%'
G&M' NI-D' FIM' .I-' DAA' FI-J' I%L' &%D@BB&P@%D' DA' O@@N' IBAA.' ID'
MCHG' I' H-&D&HIB' 3A3@%D' I%L' .@F' F@-@' BACL@-' &%' DG@&-' @T?
N-@MM&A%M' A.' MA--AF' I%L' MC-N-&M@' DGI%' DG@' ICDGA-' A.' DG@'
IHD' M' DG@' #GI3K@-BI&%' GIL' N-AKIKBJ' I%D&H&NID@L' DG@'
NANCBI-' @3AD&A%' SC&HOBJ' MCKM&L@L' IBDGACPG' &%L@@L' &D'
FIM' MD&BB' P-I'@BJ' MCMN@HD@L' &%' 3I%J' SCI-D@-M' DGID' DG@

=@ ' 5 ' ' ' '= @

KBAAL'A.'DG@' %P@B&'FIM'A%'DG@'G@IL'A.'DG@&-'BID@' 3&%&MD@-R'
I%L' C-DVCNGB@M'GI'&%P'ID'B@%PDG'MC-3AC%D@L'@'@-J'AK?
MDIHB@'DAAO'C%L&MNCD@L'NAMM@MM&A%'A.'DG@' 'IHI%D'DG-A%@'
GCM' FIM' IHHA3NB&MG@L' F&DGACD' '&AB@%H@' %AD' F&DGACD'
H-&3@' DG@' DG&-L' LA3@MD&H' -@'ABCD&A%' FG&HG' #A%MDI%D&?
%ANB@' GIL' K@@%' HIBB@L' DA' F&D%@MM' &%' DG@' HAC-M@'A.'I'.@F'
3A%DGM

%' G&M' IHH@MM&A%' <CHIM' GIMD@%@L' DA' M@%L' FA-L' DA' DG@'
ID&%' HG&@.M' DG-ACPG' I' HA%.&L@%D&IB' IP@%D' DGID' % A '
L@M&-@L' DG@3' DA' MCN' I%L' HA%.@-' F&DG' G&3' A%' I'H@-DI&%'
%&PGD'ID'DG@' NIBIH@'A.' BIHG@3' CD' MCHG' I'N-ANAMIB'
@3I%ID&%P' .-A3' MCHG' I' MAC-H@' L@M@-'@L' DA' K@' D-@ID@L'
F&DG' N@HCB&I-' HICD&A%' &DM' '@-J' ICDG@%D&H&DJ' FIM' %AD' IBDA?
P@DG@-' .-@@' .-A3' LACKD' @D' &%' DG@' I&-' I%L' DA%@' A.' DG@'
&%L&'&LCIB' FGA' FIM' DG@' K@I-@-' A.'DG@' 3@MMIP@' DG@-@' FIM'
MA3@DG&%P' FG&HG' DG-@F' DG@' I-A%M' A..'DG@&-' PCI-L' I%L'
&%LCH@L' DG@3' DA' IHH@ND' DG@' &%' &DID&A%' %A-' L&L' DG@' LAP@'
G&3M@B. =DG@' N-CL@%D' <I%LABA= INN@I-' DA' @%D@-DI&%' I%J'
MH-CNB@M' A-' 3&MP&'&%PM' CD' IBDGACPG' G@' GIL' .A-KA-%@'
.-A3' I%' &%MD&%HD&'@' .@@B&%P' A.'L@B&HIHJ' DA' @TN-@MM' G&M' AN&?
%&A%' &%' DG@' G@I-&%P' A.' DG@' 1-@@O' DG@' ABL' 3I%' .I&B@L' %AD'
MA' MAA%' IM' DG@' @%'AJ' FIM' PA%@' DA' HA%'&%H@' G&M' HA3NI?
%&A%M' DGID' G@' FIM' '@-J' .I-' .-A3' '&@F&%P' DG@' 3IDD@-' &%' I'
.I'AC-IKB@' B&PGD' d'*D' FIMk' G@' MI&L' d' DG@' P-@ID@MD' .ABBJ'
&3IP&%IKB@' DA'NBIH@' -@B&I%H@'A%' DG@' N@-QC-@L' GA%AC-'A.'DG@'
%P@B&R' DG@-@' FIM' %A' -@IMA%' DA' LACKD' DGID' DG&M' FIM' MA3@'
2%@F' M%I-@' *MK3@' .-@MG' NBI%' .A-' &%'@&PB&%P' DG@3' &%DA'-C&%R'
I%L' G@' -@HA33@%L@L' DG@3' &.' DG@J' M@D' I%J' 'IBC@' A%' DG@&-'
B&'@M' DA' IKMDI&%' .-A3' HA3NBJ&%P' F&DG' DG@' &%'&DID&A%' A.'
B@T&CM' : IL' DG@J' .A-PADD@%' ZG@' F&MG@L' DA' O%AF[' DG@'
N@-.&L&ACM' I%L' C%P-ID@.CB' HA%LCHD' A.' DGID' N-&%H@' DAFI&L

DG@3^ ;@MDA-@L KJ DG@&- 'IBAC- BAIL@L F&DG DG@&- .I? 'AC-M A MAA% IM G@ .AC%L G&3M@B. &% I NAM&D&A% DA L&M? N@%M@ F&DG DG@&- M@-'&H@M G@ GIL K@HA3@ DG@&- @%@3J G@ GIL DC-%@L IPI&%MD DG@3 DG@ '@-J I--IM FG&HG DG@J GIL NBIH@L &% G&M GI%LM *% MN&D@ A. MAB@3% @%PIP@3@%DM G@ GIL AN@%@L GAMD&B&D&@M : @ GIL IDD@3ND@L DA L@MD-AJ DG@ "B@@D B-@ILJ G@ GIL -@N@ID@LBJ I3CM@L DG@3 F&DG @3NDJ I%L &%M&L&ACM A'@-DC-@MR FACBL DG@J MC..@- DG@3? M@B'@M DA K@ HIQAB@L IPI&% KJ DG@ MI3@ NIBD-J I%L MGIBBAF I-D&.&H@M^ % DG@ HA%D-I-J G@ C-P@L DG@3 DA K@ NID&@%D I%L DA IDD@3ND DA L&MHA'@- GAF 3IDD@-M MDAAL &% #A%? MDI%D&%ANB@ K@.A-@ DG@J DAAO MA GIVI-LACM I MD@N IM DGID FG&HG DG@J %AF HA%D@3NBID@L K G&M F&M@ HAC%M@B N-@? 'I&B@LR DG@ &BB HA%M&L@-@L N-AQ@HD FIM IKI%LA%@LR I%L A% IMH@-DI&%&%P DG@ -@IB NAMDC-@ A. I..I&-M DG@ I-A%M GIL N@-GINM DG@ HI%LAC- I%L P@%@-AM&DJ DA AF% DGID DG@J F@-@ MAB@BJ &%L@KD@L .A- DG@&- N-@M@-'ID&A% DA DG@ PAAL M@%M@ I%L N-CL@%H@ A.DG@ LAP@+

G@ M&P%IB .I&BC-@ A. G&M .&-MD MHG@3@ '@T@L F&DGACD L&MG@I-D@%&%P C-DVCNGB@MR I%L DGID LI-&%P IL'@%DC-@- G@BL G&3M@B. &% -@IL&%@MM DA M@&V@ DG@ %@TD ANNA-DC%&DJ FG&HG 3&PGD N-@M@%D &DM@B. A. PI&%&%P I% IL'I%DIP@ A'@- DG@ ID&%M G&M ANNA-DC%&DJ FIM %AD BA%P FI%D&%P GA-DBJ I.D@- DG@ .-CMD-ID&A% A. G&M BID@ NBAD <CHIM B@I-%D DGID I KALJ A. N&HO@L D-AANM IKACD I DGACMI%L MD-A%P C%L@- DG@ #AC%D A. "BI%L@-M GIL PA%@ A% I N-@LIDA-J @THC-M&A% DA OG&%@I A% DG@ AMNGA-CM .A- DG@ NC-NAM@ A. AKDI&%&%P I .-@MG MCNNBJ A. .A-IP@ I%L N-A'&M&A%M A. FG&HG DG@ I-3J I%L DG@ .B@@D F@-@ K@P&%%&%P DA .@@B I MHI-H&DJ AF DG@ @3N@-A- HA%H@&'@L DGID G@ 3&PGD F&DG

=@ ‘ ‘ ‘ ‘ =@

ACD‘ &%CHG‘ L&..&HCBDJ‘ DIO@‘ DG@‘ .A-IP@-M‘ KJ‘ MC-N-&M@‘ IM‘ DG@J‘ -@DC-%@L‘ GA3@‘ @%HC3K@-@L‘ F&DG‘ KAADJ‘ I%L‘ @BID@L‘ F&DG‘ MCHH@MM‘ I%L‘ &%‘ DG&M‘ 3I%%@-‘ Q'@IO@%‘ 3ID@-&IBBJ‘ DG@‘ .A-H@M‘ A.‘ DG@‘ "-@%HG‘ FGA‘ F@-@‘ -@NA-D@L‘ DA‘ GI'@‘ K@@%‘ IB-@ILJ‘ -@LCH@L‘ KJ‘ 'I-&ACM‘ HICM@M‘ DA‘ K@DF@@%‘ .&'@‘ I%L‘ M&T‘ DGAC? MI%L‘ 3@%‘ G@‘ NBI%‘ FIM‘ M&3NB@R &DM‘ @T@HCD&A%‘ M@@3@L‘ @IMJR‘ I%L‘ C-DVCNGB@M‘ M@D‘ ACD‘ .A-‘ OG&%@I‘ ID‘ DG@‘ G@IL‘ A.‘ I‘NAF@-.CB‘L@DIHG3@%D‘A.‘D-AANM‘F&DG‘HA%.&L@%D‘@TN@HDI? D&A%M‘A.‘I‘.I'AC-IKB@‘-@MCBD

CD‘ &%‘ DG@‘ 3@I%FG&B@‘ DG@‘ "-@%HG‘ GI'&%P‘ DIO@%‘ DG@‘ DAF%‘ KJ‘MDA-3‘GIL‘MN@%D‘DG-@@‘LIJM‘&%‘MIHO‘I%L‘N&BBIP@‘R I%L‘.A-DC%ID@BJ‘N@-GINM‘.A-‘DG@‘IBB&@M‘ IBLF&%‘&%MD@IL‘ A.‘HA%M&P%&%P‘DG@‘MNA&B‘&%‘DG@‘A-L&%I-J‘3I%%@-‘DA‘DG@‘ HI-@‘A.‘G&M‘.ABBAF@-M‘GIL‘HICM@L‘&D‘DA‘K@‘NBIH@L‘A%‘KAI-L‘ MA3@‘$@%@D&I%‘'@MM@BM‘FG&HG‘GINN@%@L‘DA‘K@‘BJ&%P‘&%‘DG@‘ GI-KAC-‘I%L‘DA‘K@‘D-I%MNA-D@L‘KJ‘M@I‘DA‘G@IL SCI-D@-M‘R MA‘DGID‘DG@‘.A-IP@-M‘DGACPG‘P-@IDBJ‘&%.@-&A-‘&%‘NA&%D‘A.‘ %C3K@-M‘F@-@‘&%‘I‘NAM&D&A%‘DA‘MCMDI&%‘F&DG‘.&-3%@MM‘DG@‘ A%M@D‘A.‘DG@‘I3KCMHIL@‘FG&HG‘ C-DVCNGB@M‘GIL‘NBI%D@L‘ &%‘I‘FAAL‘ILQA&%&%P‘OG&%@I‘ D B‘FG@-@‘DG@‘MD-@%PDG‘ A.‘DG@‘HA3KIDI%DM‘FIM‘MA‘'@-J‘C%@SCIB‘I%L‘FG@-@‘DG@‘ IDDIHO‘FIM‘MA‘L@@NBJ‘N-@3@L&DID@L‘A%‘DG@‘A%@‘M&L@‘A%‘DG@‘ ADG@-‘MA‘FGABBJ‘3&BAAO@L‘.A-‘DG@‘MD-CPPB@‘FIM‘ID‘.&-MD‘ %IDC-IBBJ‘.&@-H@‘I%L‘&DM‘&MMC@‘LACKD.CB‘ !'@%‘DG@‘C%K@%L? &%P‘-@MABCD&A%‘I%L‘G@-A&H‘HAC-IP@‘A.‘DG@‘"-@%HG‘.I&B@L‘.A-‘ MA3@‘D&3@‘DA‘3IO@‘I%J‘3I-O@L‘&3N-@MM&A%‘A%‘DG@‘L@%M@‘ 3IMM@M‘A.‘DG@‘@%@3J‘ CD‘DG@‘I..I&-‘FIM‘ID‘BIMD‘L@? H&L@L‘KJ‘DG@‘LIMDI-LBJ‘K@GI'&AC-‘A.‘DG@‘1-@@OM‘FGA‘.B@L‘ I.D@-‘I‘.@F‘GAC-MÙ.&PGD&%P‘&%‘NI%&H‘L&MA-L@-‘B@I'&%P‘K@‘ G&%L‘DG@3‘I‘3&-IHCBACM‘&3IP@‘A.‘DG@‘$&-P&%‘FG&HG‘DG@J

GIL' .A%LBJ' GAN@L ' FACBL' M@HC-@' DA' DG@3' DG@' '&HDA-J ' I%L'
C-DVCNGB@M' +G&3M@B.' FGA' FIM' A%BJ' MI'@L' .-A3' HINDC-@'
KJ' DG@' .B@@D%@MM' A.' G&M' GA-M@

G&M' M@HA%L' L@.@ID' FIM' @TD-@%I@BJ' 3A-D&.J&%P' DA' DG@'
@3N@-A-' &%IM3CHG' IM' &D' MG@F@L' G&3 ' F&DGACD' I%J' L&M?
PC&M@ ' DG@' GABBAF%@MM' A.' DG@' P-AC%L ' A%' FG&HG' G@' MDAAL '
I%L' DG@' FA-DGB@MM%@MM' A.' DGAM@ ' F&DG' FGA3' G@' FIM' @%?
L@I'AC-&%P' DA' IHD ' : @' FIM' IB-@ILJ' M@%M&KB@' A.' DG@' L&.?
.&HCBD&@M ' FG&HG' G@' GIL' DA' MC-3AC%D' G@' GIL' %AF' B@I-%D '
DA' DG@' .CBB' @TD@%D ' DG@' &%IL@SCIHJ' A.' DG@' 3@I%M ' FG&HG' G@'
NAMM@MM@L ' A.' MC-3AC%D&%P' DG@3 ' @D ' FG&B@' G@' FIM' MA'
F@BB' IFI-@' A.' DG@' LI%P@-ACM' C%H@-DI&%DJ' A.' G&M' NAM&D&A% '
<CHIM' HACBL' %AD' G@BN' .@@B&%P ' DGID' G&M' NAF@-' N@-GINM' G&M'
'@-J' @T&MD@%H@ ' L@N@%L@L' A%' &DM' HA%D&%CI%H@ ' I%L' DGID' &D'
FIM' %@H@MMI-J' ID' IBB' GIVI-LM' I%L' @'@%' C%L@-' @'@-J' H&-?
HC3MDI%H@' A.'L&MHAC-IP@3@%D'DA'D-J'MA3@'%@F'@TN@-&3@%D '
A-' DA' ILAND' MA3@' %@F' HAC-M@ ' A' 3IO@' I%J' .I-DG@-' HA%?
H@IB3@%D' A.'DG@' L@IDG' A.'DG@' %P@B&' FIM ' GAF@'@-Q' HB@I-BJ'
CM@B@MMR' &D' IBMA'M@@3@L' C%I''I&B&%P' DA' L&MHBI&3' I'O%AFB@LP@'
A.' DG@' 3C-L@-' A.' B@T&CMR' I%L' G@' -@MAB'@L' IHHA-L&%PBJ' &%'
G&M' HGI-IHD@-' IM' DG@&-' B@P&D&3ID@' MCHH@MMA-' DA' &%'&D@' DG@'
HG&@.M' A.' DG@' #-CMIL@' DA' I' .-&@%LBJ' HA%.@-@%H@ ' FG@-@ ' IM'
G@' MCPP@MD@L ' DG@J' 3&PGD' I--I%P@' &%' HA%H@-D' MA3@' NBI%'
.A-' DG@' @T@HCD&A%' A.' DG@' -@3I&%&%P' I-D&HB@M' A.' DG@' D-@IDJ '
CD' DG@' I-A%M ' FGA' GIL' P-AF%' A.' BID@' @TH@@L&%PBJ' HIC?
D&ACM' I%L' H&-HC3MN@HD ' -@.CM@L' DA' .IBB' &%DA' I%' AN@%' M%A-@R'
I%L' MA3@' @'@%' @%D@-DI&%@L' LACKDM ' FG@DG@-' DG@J' F@-@'
QCMD&.&@L ' IM' #G-&MD&I%M' I%L' #-CMIL@-M ' &%' GABL&%P' I%J' &%?
D@-HAC-M@' F&DG' I%' CMC-N@-' I%L' I%' IMMIMM&% +' G@' LAP@ '
DA' DG@&-' MC-N-&M@ ' FIM' A.' I' L&..@-@%D' AN&%&A% ' : @' DGACPGD'

DGID &D FIM DG@&- LCDJ DA MIH-&.&H@ N-&'ID@ AKQ@HD&A%M I%L MH-CNB@M ZGAF@'@- QCMD DG@J 3&PGD K@[DA DG@ NCKB&H IL? 'I%DIP@ I%L DGID &D FIM &%HC3K@%D A%DG@3 DA -@Q@HD %A? ANNA-DC%&DJ A.I--&'&%PID D@-3M A.IHHA33ALID&A% FG&HG 3&PGD N-@M@%D &DM@B. N-A'&L@L DGID DG@JHA3N-A3&M@L %AD DG@ GA%AC- A.1AL I%L DG@&-M D DG@ MI3@D&3@ MGACBL DG@J K@ C%F&BB&%P DA IHH@ND DG@ N-ANAMIB DG@ ABL 3I%A..@-@L DA PA IBA%@ I%L DA IMH@-DI&% GA .I- DG@ L@IDG A. DG@ %P@B& I..@HD@L DG@&- NAM&D&A% I%L N-AMN@HDM G@N-A? NAM&D&A% A. <I%LABA DGACPG &D FIM ID 'I-&I%H@ F&DG DG@ '&@FM A.DG@ -@MD FIM ID A%H@ ILAND@LR I%L DG@ ABL 3I% @3KI-O&%P A% G&M PIBB@J GIMD@%@L DA 3@@D C-DICNGB@M IM &D GIL K@@% I--I%P@L %@I- DG@ NA&%D &% DG@ 1ABL@% :A-% FG@-@ DG@ C%&A% A.DG@ I-KJMMCM I%L DG@ #JLI-&M .A-3@L DG@ F@@D ID@-M + G@ MIBCDID&A%M FG&HG NIMM@L K@DF@@% DG@M@ DFA @3&%@%D N@-MA%IP@M F@-@ HABL I%L .A%%IB G@ LAP@ A. $@%&H@ MDAAL @-@HD &% DG@ N-AF A. G&M KI-P@ G@@3N@-A- -@3I&%@L A% GA-M@KIHO G@&%? D@-'&@F FIM AN@%@L KJ DG@ .A-3@- FGA MD@-%BJ -@N-AIHG@L <CHIM F&DG DG@ GA--&KB@ H-&3@ A. FG&HG G@ GIL K@@% PC&BDJ FG&B@ G@ -@N-@M@%D@L DA G&3 DG@ L&..&HCBDJ A. N@-? MCIL&%P DG@ ID&%M DA NCD DG@&- D-CMD &% I 3I% FGA &% L@.&I%H@ A. IBB BIFM GC3I% I%L L&'&%@ I%L C%L@- H&-? HC3MDI%H@M A.MCHG H-C@B I%L ID-AH&ACM N@-.&LJ GIL DIO@% IFIJ DG@ B&.@ A. G&M MA'@-@&P% G@ 1-@@O IDD@3ND@L DA QCMD&.J A- @'@% NIBB&ID@ G&M HA%LCHDR KCD <I%LABA DC-%&%P I L@I.@I- DA G&M I-PC3@%DM N-AH@@L@L DA -@? HIN&DCBID@ DG@ 'I-&ACM D@-3M A.DG@ D-@IDJ HA%HBCL@L &% DG@ MN-&%P A. E K@DF@@% G&M N&+@L@H@MMA-M DG@ "-@%HG

Q4 7 5**DD :¥ B

I-A%M I%L G&M AF%HA33C%@ *D FACBL K@D@L&ACM I%L CM@B@MM DA -@HC-& &% DG&M NBIH@ DA DGAM@+HA%L&D&A%M FG&HG 3CMD %AF K@ .I3&B&I- DA DG@ -@IL@- *D &M MC..&H&@%D DA O%AF DGID <CHIM IHSC&@MH@L &% @'@-J I-D&HB@ MI'@DG@BIMDR I%L MA .I- IM FIM HA%H@-%@L G@N-AD@MD@L DGID MAA%@- DGI% MCK3&D DA DG@ -@MDA-ID&A% A. DG@ NINIB MCN-@3IHJ G@ FACBL KC-J G&3M@B. I%L G&M HAC%D-J3@% C%L@- DG@ -C&%M A. DG@ @3N&-@ G@LAP@ @TNAMDCBID@L KCD &% 'I&% : @ NA&%D@L ACD DGID DG@ 1-@@O HB@-PJ GIL IB-@ILJ .A-3? IBBJ -@%AC%H@L DG@ G@-@MJ A. OGAD&CMR KCD DG@ -@MABCD&A% A. DG@ ADG@- FIM &%.B@T&KB@R I%L MA DG@ DFA N-&%H@M NI-D@L GI'&%P &% .IHD PI&%@L %ADG&%P KJ DG@ HA%.@-@%H@ C%B@MM &D F@-@ DGID OI%LABA 3&PGD %AF I..&-3 F&DG MA3@ L@? P-@@ A. D-CDG DGID G@ GIL LA%@ G&M CD3AMD DA @..@HD I NIH&.&HID&A%]

C-DVCNGB@M A% G&M NI-D GI'&&&P .I&B@L &% I M@HA%L IDD@3ND DA L@MD-AJ DG@ $@%@D&I% .B@@D F&DG .&-@ MG&NM I-? -&'@L ID DG@ HA%HBCM&A% DGID &D FIM %A BA%P@- NAMM&KB@ DA L@.@- GAMD&B&D&@MR I%L G@ N-AH@@L@L IHHA-L&%PBJ F&DGACD BAMM A. D&3@ DA INNBJ DG@ 3@I%M FG&HG G@ .AC%L ID G&M L&MNAMIB DA DG@ K@+D IL'I%DIP@ GAM@3@I%M &%L@@L F@-@ %@&DG@- IL@SCID@ DA G&M NC-NAM@ %A- F@-@ DG@J -@ILJ DA G&M GI%L J@D DG@ .&-3%@MM I%L @%@-PJ A. DG@ @3N@-A- MAA% A'@-HI3@ @'@-J AKMDIHB@ I%L N-A'&L@L DA I BI-P@ @TD@%D .A- @'@-J HA%D&%P@%HJ G@ @THG@SC@- FIM @3NDJ C-D VCNB&BHM -@NB@%&MG@L &D F&DG DG@ HA%.&MHID@L N-AN@-DJ A. DGAM@ FGA IM &D FIM IBB@P@L ID B@IMD GIL I3IMM@L .A-? DC%@M KJ N@HCBID&A% A- ADG@- &BB@PIB 3@DGALM LC-&%P DG@ -@&P% A. DB&@ %P@B& "-A3MGJ%@MM .@I- A+ I .IBM@ -@.&%@

@KHIC ZT'&&'N E*[

@c =

=@D‘ ‘ ‘ ‘ ‘= @

3@%D‘A.‘N-&L@‘ B@T&CM‘I%L‘G&M‘.IDG@-‘GIL‘M@BLA3‘MG@F@L‘
DG@3M@B'@M‘&%‘NCKB&H‘I%L‘DG@J‘F@-@‘HA%M@SC@%DBJ‘C%?
NANCBI-‘R DG@&-‘MCHH@MMA-‘KJ‘G&M‘.IMH&%ID&%P‘3I%%@-M‘
PI&@DJ‘I%L‘HA%H&B&IDA-J‘DA%@‘HA%D-&'@L‘DA‘F&%‘DG@‘I..@H?
D&A%M‘I%L‘HA%.&L@%H@‘A.‘DG@‘3@I%@MD‘A.‘DG@‘1-@@OM‘G@‘
N@ANB@‘F@-@‘@%@-'ID@L‘KJ‘@IM@‘I%L‘&%LCBP@%H@R‘G@‘&%.CM@L‘
&%DA‘DG@3‘I‘%@F‘MN&-&D‘KJ‘-@N-A'&%P‘DG@&-‘&%LAB@%H@‘A-‘
I%&3ID&%P‘DG@&-‘L@MNA%L@%HJ+‘*%‘MGA-D‘IBB‘DG@‘I'I&BIKB@‘
I%L‘BID@%D‘-@MAC-H@M‘A.‘DG@‘@3N&-@‘F@-@‘INNB&@L‘DA‘DG@‘
P-@ID‘FA-O‘&%‘GI%L‘R @'@-J‘A%@‘FGA‘FIM‘.AC%L‘PC&BDJ‘
A.‘@TDA-D&A%‘A-‘3IBINN-AN-&ID&A%‘FIM‘HA3N@BB@L‘DA‘-@.3&L‘
G&M‘&BB PADD@%‘PI&%M‘R @'@-J‘A%@‘FGA‘FIM‘L@@3@L‘HINIKB@‘
A.‘K@I-&%P‘I%%M‘I%L‘.ID&PC@‘FIM‘-@SC&-@L‘DA‘DIO@‘NI-D‘&%‘
L@.@%L&%P‘G&M‘HAC%D-J‘.-A3‘DG@‘KI-KI-&I%M‘A.‘DG@‘ @MD‘R
I%L‘C%L@-‘DG@‘&33@L&ID@‘@J@‘A.‘<CHIM‘FGA‘MD&3CBID@L‘
IBB‘KJ‘G&M‘N-@M@%H@‘I%L‘@TI3NB@‘DG@‘1-@@OM‘INN@I-@L‘DA‘
GI'@‘-@HA'@-@L‘DG@&-‘I%H&@%D‘MN&-&D‘I%L‘NAF@-M‘A.‘@%LC-?
I%H@‘*%‘B@MM‘DGI%‘DFA‘3A%DGM‘DG@&-‘HA3K&%@L‘@T@-D&A%M‘
N-ALCH@L‘DG@‘3AMD‘P-ID&.J&%P‘I%L‘@TD-IA-L&%I-J‘-@MCBDM‘
G@‘@IMD@-%‘FIBB‘A.‘#A%MDI%D&%ANB@‘FG&HG‘ILQA&%@L‘DG@‘
#G-JMAH@-IM‘I%L‘FG&HG‘GIL‘MC..@-@L‘3AMD‘M@'@-@BJ‘LC-&%P‘
DG@‘BID@‘M&@P@‘FACBL‘&D‘FIM‘HA%Q@HDC-@L‘K@‘DG@‘NA&%D‘A.‘
2IDDIHO‘DA‘DGID‘<CHIM‘DG@-@.A-@‘L&-@HD@L‘G&M‘IB3AMD‘@T?
HBCM&'@‘IDD@%D&A%‘ G@‘FIBB‘&DM@B.‘FIM‘%AD‘A%BJ‘MD-@%PDG?
@%@L‘I%L‘-@NI&-@L‘KCD‘-@MDA-@L‘&%‘3I%J‘NBIH@M‘I%L‘-I&M@L‘
DA‘MCHG‘I‘G@&PGD‘IM‘DA‘HA'@-‘DG@‘3A'@3@%DM‘A.‘DG@‘K@?
M&@P@LR‘I%L‘ID‘-@PCBI-‘L&MDI%H@M‘A.‘.&.DJ‘.@@D‘&D‘FIM‘.BI%O@L‘
KJ‘BA.DJ‘I%L‘HINIH&ACM‘DAF@-M‘KC&BD‘A.‘MDA%@‘ @DF@@%‘
DG@M@‘MDA%@‘DAF@-M‘F@-@‘ADG@-M‘HA%MD-CHD@L‘&%‘FAAL‘M@'@‘

-IB A. FG&HG F@-@ M&T I%L %A%@ F@-@ B@MM DGI%DG-@@ MDA-&@M G&PG ! IHG A. DG@M@ MDA-&@M FIM &% &DM DC-% DG@ M@ID A. I %C3@-ACM PI--&MA% I3NBJ .C-%&MG@L F&DB& @'@-J&3NB@? 3@%D I%L @%P&%@ A. A..@%M&'@ FI-.I-@R DA DG@ KIM@3@%D MDA-J FIM IDDIHG@L I L&UIFK-&LP@ FG&HG HA%%@HD@L &D ID NB@IMC-@ F&DG DG@ NI-IN@D A. DG@ -I3NI-DR I%L 3&LFIJ K@DF@@%& @IHG A. DG@ FAAL@% DAF@-M DA FG&HG F@ GI'@ -@.@--@L FIM NBI%D@L I 3I%PA%@B A. C%CMCIBBJ BI-P@ L&? 3@%M&A%M .A- DG@ NC-NAM@ A. N-AQ@HD&%P MDA%@M I%L LI-DM IPI&%MD I%J P&'@%& A- HA%'@%&@%D NA&%D A. DG@ @%@3JUM B&%@ +

G@ ID&%M 3@I%FG&B@ GIL K@@%& @SCIBBJ KCMJ &% N-@? NI-&%P .A- IHD&A% I%L 3IO&%P DG@ %@H@MMI-J L&MNAM&D&A%M .A- DG@-@%@FIB A. DG@M&@P@ FG&HG FIM %AF &% HA%.A-3&DJ F&DG DG@ A-&P&%IB NBI%& A. DG@ LAP@ DA K@ NC-@BJ I 3I-&? D&3@ A%@ G@ L@HOM A. DG@ '@MM@BM F@-@ IB-@ILJ HA'@-@L F&DG MDA-@M A. 3&MM&B@M I%L 3IHG&%@M A. @'@-J M&V@ I%L L@MH-&ND&A% .A- GC-B&%P MDA%@M A- 'A3&D&%P HA3KCMD&KB@ 3IDD@-R I%L &D %AF -@3I&%@L A%BJ DA L@D@-3&%@ FG@% IM F@BB IM FG@-@ DG@J MGACBL AN@% DG@ IMMICBD

@D &% MN&D@ A. DG&M L&MNBIJ A. IHD&'&DJ I%L V@IB DG@ -@%HG A%DG@&- NI-D F@-@ .-A3DG@ .@F%@MM A.DG@&-%C3? K@-M I%L DG@ B@%PDG A. DG@&- MDIJ &% .I- DAA L&..&HCBD I M&DCID&A% %AD DA .@@B 3&P&'&%PM DACHG&%P DG@ &MMC@ A. DG@ &3N@%L&%P MD-CPPB@ &% .I-DAA N@@'&MG I 3AAL DA MCNN-@MM DGAM@ &@@B&%PMR I%L ID I HAC%H&B A. FI- FG&HG IMM@3KB@L DA M@DDB@ IBB 3&%A- L@DI&BM M@'@-IB A. DG@ I-A%M @TN-@MM@L I% AN&%&A% DGID &D FIM KADG .AAB&MG I%L 'I&% DA IDD@3ND DG@ -@LCHD&A% A. 2 MD-A%P I H&DJ F&DG MA M3IBB I .A-H@R

DGID DG@J MGACBL -@3@3K@- DGID DG@J GIL %AF DA L@IB F&DG I N-&%H@ FGA .I-MC-NIMM@L DG@ %P@B& &%IDB@%D &% @TN@-&@%H@ I%L &% @%@-PJR+ I%L KJ -I'IP&%P DG@ .&@BLM AHHCNJ&%P DG@ @%'&-A%M &%D@-H@ND&%P DG@ MCNNB&@M DG@J 3&PGD MI'@ I P-@ID -&MO I%L M@HC-@ I% @IMJ '&HDA-J G&M I-PC3@%D GAF@'@- DGACPG &D FIM KJ %A 3@I%M F&DGACD &DM .A-H@ MI'AC-@L 3CHG DAA MD-A%PBJ A.HICD&A% DA MID&M.J A-NB@IM@ DG@ KABL G@I-DM I%L &%D-@N&L MN&-&DM A.FG&HG DGID IMM@3KBJ FIM .A- DG@ 3AMD NI-D HA3NAM@L &% FGAM@ @MD&? 3ID&A% F3%D A.QCLP3@%D FIM N-@.@-IKB@ &% I G&PG L@P-@@ DA FI%D A.HAC-IP@ I%L DG&%PM %AKBJ BAMD DA DG&%PM KIM@BJ FA% @M&L@M @'@% IMMC3&%P DGID DG@ HAC-M@ N-ANAM@L FIM QCMD I%L GA%AC-IKB@ GAF HACBL I GI%L.CB A.MABL&@-M GAN@ DA -@LCH@ KJ .I3&%@ I H&DJ FG&HG HA33I%L@L DG-@@ M@IM^ *D FIM C-P@L DAA KJ DG@ LAP@ I%L G&M MCNNA-D@-M DGID DG@&- NIMD -@'@-M@M GIL 3IL@ DAA '&'&L I%L LC-IKB@ I% &3N-@MM&A% A% DG@ 3&%LM A.DG@ 1-@@OM DA K@ -@3A'@L KJ I-@H@%D HGI%P@ A.H&-HC3MDI%H@M A- FIM DG@ INIDGJ KJ FG&HG DG@J F@-@ I..@HD@L @&DG@-D-I%M&@%D A-NI-D&IB &% &DM %IDC-@ &D FIM I DI&%D FG&HG GIL K@@% MBAFBJ @%P-I&%@L KJ DG@ GI%L A.D&3@ &% DG@ %ID&A%IB HGI-IHD@- I%L FG&HG &D FIM %AD &% A%@ 3I% A- &% A%@ P@%@-ID&A% DA HA--@HD 3CHG B@MM DA L@MD-AJ

A-@A'@- DG@ L@IDG A.DG@ %P@B& M@@3@L DA GI'@ HGI%P@L DG@ MDID@ A.NI-D&@M I%L DG@ %IDC-@ A.DG@ SC@M? D&A% -A3 DG@ 3A3@%D A.DG@ IHH@MM&A% A. C-DV&&NGB@M DA I KBAAL MDI&%@L DG&+A%@ DG@ FI- 3&PGD K@QCMDBJ HA%? M&L@-@L IM GI'&%P IMMC3@L I L&..@-@%D HGI-IHD@- G@J GIL HA3@ DA -@MDA-@ I%L CNGABL I% @T&Y@L LJ%IMDJ DG@J

F@-@ %AF HIBB@L DA I'@%P@ I 3C-L@- I%L N@-GINM DA IFI-L I H-AF%

G@ AN&%&A%M A. <I%LABA I%L G&M NI-D&MI%M CBD&3ID@BJ N-@'I&B@L G@ 3IBHA%D@%DM FGA GIL K@@% 3I&%BJ &%? .BC@%H@L &% D @&- QCLP3@%D KJ DG@ -@3I&%&%P 3@3K@-M A. DG@ #IKIB F@-@ AKB&P@L DA P&'@ FIJ %L @'@-JDG&%P K@&%P &% -@IL&%@MM .A- IHD&A% DG@ IMMICBD FIM .&T@L KJ P@%@-IB HA%M@%D .A- "-&LIJ 3A-%&%P DG@ DG A. N-&B

CD DG@ ID&%M IMMC3&%P DGID DG@ H&DJ FIM &% DG@&- NAF@- DG@ @3N&-@ ID DG@&- L&MNAMIB F@-@ QCMDBJ INN-@G@%? M&'@ B@MD DG@ C%LC@ N-@D@%M&A%M A. MA3@ DG@ &BB QCLP@L N-@H&N&DID&A% A. ADG@-M MGACBL L&MDC-K DG@ GI-3A%J FG&HG ID N-@M@%D MCKM&MD@L K@DF@@% DG@ 'I-&ACM B@IL@-M A. DG@ @TN@L&D&A%R I%L N-@'&ACMBJ DA -@MC3&%P DG@ A.&@%M&'@ &D FIM 3I%&.@MDBJ L@M&-IKB@ DA .A-3 I P@%@-IB J@D L@.&%&D@ NBI% .A- ILQCMD&%P IBB HBI&3M FG&HG 3&PGD MCKM@SC@%DBJ I-&M@ G@J -@MAB'@L IHHA-L&%PBJ DA .-I3@ ID A%H@ I%L MCKMH-&K@ I M@-&@M A. HA%L&D&A%M FG&HG 3&PGD -@PCBID@ DG@ HA%LCHD I%L -@MD-I&% DG@ I3K&D&A% A. IBB NI-D&@M G@M@ HA%L&D&A%M F@-@ DA DG@ .ABBAF&%P @..@HD + G@ @%D&-@ KAADJ .AC%L &% 5G@ H&DJ FIM DA K@ HABB@HD@L &% A%@ MNAD DA K@ L@D@-3&%@L DG@-@I.D@-R I%L %A A%@ FIM A. G&M AF% IHHA-L A- KJ G&M AF% ICDGA-&DJ DA IKMD-IHD M@H-@D@ A- INN-AN-&ID@ I%J NA-D&A% A. MCHG KAADJ *D FIM DA K@ L&'&L@&Q @'@%DCIBBJ &% DFA @SCIB NA-D&A%M K@DF@@% DG@ "-@%HG I%L $@%@D&I%MR KCD DG@&A--I@- F@-@ DA NIJ ID A%H@ ACD A. DG@&- MGI-@ DG@ -@M&LC@ A. DG@ L@KD LC@ DA DG@ -@? NCKB&H E G@ $@%@D&I%M F@-@ @%D&DB@L DA HBI&3 DG-ACPG? ACD DG@ @3N&-@ DG@ MI3@ GA%AC-M I%L N-&'&B@P@M IM DG@J

GIL .A-3@-BJ @%QAJ@L &% DG@ 1-@@O LA3&%&A%M KADG D@3?
NA-IB I%L MN&-&DCIB R I%L DG@J F@-@ DA K@ PA'@-%@L KJ
DG@&- AF% BIFM KADG F-&DD@% I%L C%F-&DD@% G@
HGA&H@ A. I %@F @3N@-A- FIM DA K@ @%D-CMD@L DA DF@B'@
@B@HDA-M M&T "-@%HG I%L M&T \$@%@D&I%M FGA MGACBL K@
KAC%L KJ I MAB@3% AIDG DA %A3&%ID@ .-A3 DG@ I-3J A- DG@
.B@@D DG@ N@-MA% FGA3 DG@J HA%MH&@%D&ACMBJ QCLP@L 3AMD
HINIKB@ A. -@MDA-&%P &% G&M LA3&%&A%M DG@ NC-&DJ A. DG@
#GC-HG I%L DG@ L&P%&DJ A. DG@ DID@ I%L A. 3I&%DI&%&%P
DG@-@ N&@DJ DAFI-L 1AL I%L AK@L&@%H@ DA DG@ NAMDAB&H
@@ G@ %ID&A% FG&HG L&L %AD P&'@ I% @3N@-A- GIL
I HA%M@SC@%D -&PGD DA %A3&%ID@ DG@ OID-&I-HG A. #A%MDI%?
D&%ANB@ F@B'@ HA33&MM&A%@-M M&T "-@%HG I%L M&T
\$@%@D&I%M F@-@ DA K@ INNA&%D@L .A- DG@ NC-NAM@ A. NBIH&%P
DG@&- -@MN@HD&'@ AF%@-M &% NAMM@MM&A% A. DG@ 'I-&ACM N-A?
'&%H@M I%L N-&%H&NIB&D&@M FG&HG FACBL %@H@MMI-&BJ I-&M@
.-A3 DG@ -@3AL@BB&%P A. DG@ .@CLIB D@%C-@ I.D@- DG@ HA%?
SC@MD / *% HA%M&L@-ID&A% A. G&M G&PG -I%O I%L @TD-I?
A-L&%I-J 3@-&D DG@ <AP@ A. \$@%&H@ FIM DA K@ FGABBJ I%L
MAB@BJ @T@3ND .-A3 DG@ NIJ3@%D A. GA3IP@ .A- I%J BI%LM
A- D@--&DA-&@M FG&HG G@ 3&PGD GABL &% .&@. A. DG@ JVI%?
D&%@ HAC-D " &%IBBJ MGACBL &D K@ DGACPGD @TN@L&@%D
ID I .CDC-@ N@-&AL DA @%BI-P@ A- 3AL&.J DG@M@ HA%L&D&A%M
DG@ I-SC&M A%&.IH@ FIM DA K@ .C-%&MG@L F&DG ICDGA-&DJ
DA .A-3 I HA33&DD@@ DA HA%M&MD A. G&3M@B. DG@ DF@B'@
HA33&MM&A%@-M .A- DG@ -@L&MD-&KCD&A% A. DG@ .&@.M I%L M&T
ILL&D&A%IB 3@3K@-M @B&P&KB@ KJ G&3 CHG F@-@ DG@ B@IL?
&%P I-D&HB@M A. DG@ D-@IDJ HA%HBCL@L K@DF@@% <I%LABA I%L
DG@ I-A%M ID DG@ HI3N ID 1IBIDI &% DG@ 3A%DG A. I-HG

KJ DG@ NB@IM&%P HA%'&HD&A% DGID DG@ QCMD&H@ A.DG@&- HICM@ I%L DG@ .I'AC- A. :@I'@%F@- MC-@D&@M .A- DG@&- MCHH@MM G@ .A-3@- GAF@'@- GIL B&3&D@L DG@&- AN@-ID&A%M ID .&-MD DA IK-&MO @THGI%P@ A.'ABB@JM F&DG DG@ KIDD@-&@MR KCD DG@J SC&HOBJ P-@F D&-@L A. DG&M BI%PC&L I%L C%O%&PGDBJ 3AL@ A.FI-.I-@R DG@ L@NDG A.FID@- IL3&DD@L DG@&-&3NID&@%H@ C-P@L I %@I-@- INN-AIHGR I%L *G@ '@MM@BM F@-@ MAA% K-ACPGD KJ DG@ $@%@D&I% N&BADM &% HBAM@ HA%DIHD F&DG DG@ .AAD A. DG@ -I3NI-D .@F A. DG@ .A-@3AMD PI&%@L I%L @%L@I'AC-@L DA 3I&%DI&% IPI&%MD .@I-.CB ALLM I .AAD&%P A% DG@ NI-IN@D FG&HG A'@-GC%P DG@ PCB.R DG@ P-@ID@- NI-D -@3I&%@L IKAI-L @IP@- GAF@'@- DA M@&V@ DG@ @I-B&@MD AN? NA-DC%&DJ A. M&P%IB&V&%P DG@3M@B'@M KJ MA3@ .@ID A.N-AF@MM A- L@@L A. G@-A&M3 *%DG@ 3A3@%D A. LI%P@- &% DG@ DC3CBD A. KIDDB@ DG@ G@I-D A. DG@ FI%&A- FIM AN@%@L DG@ 'A&H@ A. DG@ M@HDI-J FIM GCMG@LR I%L DG@ -@IL&%@MM F&DG FG&HG @IHG 3I% K@%D G&M KAF A- P-IMN@L G&M GIBK@-L &%L&HID@L G&M I%T&@DJ DA N-@M@-'@ I% ABL A- DA @I-% I%@F -@NCDID&A% G@ HABB&M&A% K@DF@@% DG@ K@M&@P@-M I%L DG@ K@M&@P@L FIM .@I-.CB DA K@GABL ! '@-J HA%D-&'I%H@ FG&HG GC3I% I-D GIL .A-3@L .A- DG@ L@MD-CHD&S% A. GC3I% B&.@ FIM @3NBAJ@L A% DG&M 3@3A-IKB@ AHHIM&A% F&DG D@--&KB@ @..@HD G@ I&- -@MAC%L@L F&DG DG@ MGACDM A. MABL&@-M DG@ KBIMDM A. D-C3N@DM DG@ HBIMG I%L L&% A. I-3MR I%L DG@ MOJ C%B@MM FG@-@ .A- I .@F 3A3@%DM &D FIM B&PGD@L CN KJ I B&'&%P MD-@I3 A. 1-@@O .&-@ FIM LI-O@%@L KJ DG@ HBACLM A. I--AFM I&&L DG@ 'ABB@JM A. MDA%@M FG&HG NAC-@L C%H@IM? &%PBJ A'@- I%L IPI&%MD DG@ FIBBM G@ @J@ A. I% &3NI-D&IB MN@HDIDA- 3&PGD GI'@ MHI%%@L F&DG MID&M.IHD&A% %AD I% 3&T@L F&DG MAB&H&DCL@ DG@ @3KIDDB@L DAF@-M A. #A%MDI%D&

%AN&H ' K-&MDB&%P' F&DG' MD@@B ' I%L' D@@ 3&%P' F&DG' B&.@ ' @TD@%L&%P'
.CBB' I' B@IPC@' IBA%P' DG@' 1ABL@%' : A-% ' : &M' @J@' 3&PGD' MC-?
'@J ' A%' DG@' ADG@-' GI%L ' DG@' $@%@D&I%' .B@@D ' F&DG' &DM' BA.DJ'
I%L' PI--&MA%@L' HIMDB@M ' I%L' &DM' KCMJ' H-@FM ' HA'@-&%P ' &%' I'
BA%P' I%L' NI-IBB@B' B&%@ ' DG@' MC-.IH@' A.' DGID' F&L@' I%L' HINI?
H&ACM' KIM&% ' ! &DG@-' MH@%@' 3&PGD' GI'@' &%MN&-@L' I' .@@B&%P'
A.' IL3&-ID&A%' I%L' @'@%' A.' NB@IMC-@' R' KCD' &.' DG@' MN@HDIDA-'
GIL' K@@%' HIBB@L' DA' QCLP@' K@DF@@%' DG@' DFA ' G@' FACBL' N-A?
KIKBJ' GI'@' B@I%@L' DA' DG@' AN&%&A% ' DG ID' DG@' -@MCBD' A.' I' HA%?
D@MD' MA' &3 3@IMC-IKBJ' C%@SCIB' HACBL' GI-LBJ' K@' ADG@-F&M@'
DGI%' @TD-@3@BJ' C%.I'A3-IKB@' DA' DG@' ID&%M ' *%L@@L ' I.D@-'
M@'@-IB' GAC-MU GI-L' .&PGD&%P' I%L' ZHA%M&L@-&%P' DG@' .@F%@MM'
A.' DG@&-' %C3K@-M[P-@ID' MIH-&.&H@' A.' B&.@' DG@' BIDD@-' .AC%L'
DGID' DG@J' F@-@' BAM&%P' -IDG@-' DGI%' PI&%&%P' P-AC%L ' ! '@%'
DG@' NAF@-.CB' .B@@D' A.' $@%&H@' M@@3@L' DA' M&%O' &%DA' &%M&P%&?
.&HI%H@' K@.A-@' DG@' GCP@' -I3NI-DM' I%L' HABAMMIB' FIBBM' A.'
#A%MDI%D&%ANB@Q' DG@' .ABBAF@-M' A.' <I%LABA ' FGA' GIL' K@@%'
K-@L' DA' DA&B ' I%L' &%C-@L' DA' LI%P@-' F@-@'Q[-A3ND@L' DA' AF% '
DGID' DG@J' GIL' %@'@-' @%PIP@L' &%' MA' L&..&HCBD ' M@BLA3' &%'
MA' LACKD.CB ' I%' @%D@-N-&M@' R' I%L' 3I%J' I' PIBBI%D' MABL&@-'
FGA' GIL' HA%SC@-@L' F&DG' >&I%&' ID' IBKA-A ' I%L' FGA' GIL'
.ACPGD' C%L@-' DG@' KI%%@-M' A.' DG@' DG&-L' &HG&@B& ' HACBL'
GI-LBJ' MCNN-@MM' I%' C%@IMJ' M@%MID&A% ' IM' G@' @J@L' DGAM@' MDC '
' N@%LACM' .A-D&.&HID&A%M ' FG&HG' INN@I-@L' DA' L@.J' IB&O@' DG@'
BILL@-' I%L' DG@' -I3 ' @D ' .A-' DG@' 3AMD' NI-D ' DG&M' M@%MI?
D&A%' FIM' D-I%M&@%D' I%L' 3A3@%DI-J' ' I%L' MI'@' DGAM@' .@F '
FGA' MD&BB' HA%D&%C@L' DA' L@H-J' DG@' M&@P@' A.' #A%MDI%D&%ANB@'
IM' MAB@BJ' C%L@-DIO@%' DA' P-ID&.J' $@%@D&I%' I3K&D&A%' I%L'
I'I-&H@ ' I%L' FGA' HA%M@SC@%DBJ' -@PI-L@L' DG@' MB&PGD@MD' -@?
'@-M@ ' MCMDI&%@L' KJ' DG@ ID&%M ' F&DG' &%FI-L' MID&M.IHD&A%'
'''''

I%L I..@HD@L L@MNA%L@%HJ DG@-@ F@-@ %A%@ &% DGID B&DDB@ I-3J DGID F@-@ %AD N-@NI-@L DA MCK3&D DA DG@ IBD@-%ID&'@ A. '&HDA-J A- L@IDG G@HG&@.M 3&PGD K@ ID G@I-D @SCIBBJ L&MNAM@L DA -C% IBB GIVI-LMR KCD DG@&- &BB QCLP@L '@G@? 3@%H@ I%L &%D@3N@-ID@ V@IB F@-@ O@ND &% HA%MDI%D HG@HO KJ DG@ N-CL@%D HAC%M@BM A. DG@ LAP@ *% DG&M IM &% @'@-J ADG@- &%MDI%H@ <I%LABA IL'&M@L G&M HA3NI%&A%M DA IHD F&DG HICD&A% I%L HAAB%@MMR I%L DG@J F@-@ CBD&3ID@BJ B@L DA HA%HC- F&DG G&3 &% DG@ @TN@L&@%HJ A. L&-@HD&%P I D@3? NA-I-J MCMN@%M&A% A. GAMD&B&D&@M &% A-L@- DG ID DG@J 3&PGD -@NI&- I%J L@.@HD A- A'@-M&PGD &% DG@&- NBI% A. AN@-ID&A%M I%L .&%IBBJ L@H&L@ A% DG@ 3AMD @..@HDCIB 3AL@ A. K-&%P&%P DG@ @%D@-N-&M@ DA I MCHH@MM.CB HA%HBCM&A% G@ CMCIB M&P? %IBM F@-@ IHHA-L&%PBJ P&'@% I%L AK@J@L DGACPG %AD F&DG? ACD MA3@-@BCHDI%H@R DG@ ID&%D-C3N@DM MAC%L@L I P@%@-IB -@D-@IDR I%L C-DVCNGB@M FGA GIL FIDHG@L DG@ N-AP-@MM A. @'@%DM .-A3 I MHI-B@D NI'&B&A% N&DHG@L A% I% @3&%@%H@ &%M&L@ DG@ H&DJ K@G@BL F&DG C%.@&P%@L QAJ DG@ -@D&-@3@%D A. DG@ @%@3J F&DG&% DG@&- AF% B&%@M

% DG@&- NI-D DG@ ID&%M GI'&%P DIO@% DG&M GIVI-LACM DGACPG N-CL@%D MD@N GIMD@%@L DA HA%M&L@- FGID B&%@ A. HA% LCHD &D FIM 3AMD @TN@L&@%D DA NC-MC@ *% DG@&- '&@FM I F&L@ L&..@-@%H@ INN@I-@L DA @T&MD G@ #IKIB FG&HG GIL ANNAM@L DG@ HA33@%H@3@%D FIM @SCIBBJ I'@-M@ DA DG@ -@? %@FIB A. DG@ M&@P@R MA3@ F@-@ &%HB&%@L A% DG@ ADG@- GI%L DA K@B&@'@ DGID &D FIM &% &DM L&MHA%D&%CI%H@ DGID DG@&- @--A- BIJR FG&B@ ADG@-M IPI&% F@-@ A. AN&%&A% DGID DG@J MGACBL -@AN@% DG@ IMMICBD %AD A% DG@ @IMD@-% KCD A% DG@ MACDG@-% M&L@ A. DG@ HIN&DIB FG@-@ DG@&- IDDIHO FACBL K@ C%@TN@HD@L I%L HA%M@SC@%DBJ &D FIM I%D&H&NID@L MCHH@MM.CB *% DG@

@IHG NI&-FIM IMM&P%@L DG@ LCDJ A. &%'@MD&%P I DAF@- +
%L N-&A- DA DG@ -@%@FIB A. GAMD&B&D&@M DG@ V@IB A. DG@
MABL&@-M I%L 3I-&%@M FIM -@.-@MG@L KJ I F@BB D&3@L I%?
%AC%H@3@%D DGID DG@ .&-MD "-@%HG3I%I%L DG@ .&-MD $@%@?
D&I% FGA MGACBL MHIB@ DG@ -I3NI-DM A. #A%MDI%D&%ANB@
FACBL -@H@&'@ IM DG@ -@FI-L A. DG@&- 'IBAC- I KAC%DJ A.
A%@ GC%L-@L 3I-OM A.M&B'@- +

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' 3A-%&%P' A.' DG@' DG' A.' N-&B' FIM' -CL@BJ' F@BHA3@L' KJ' DG@' K-IJ&%P' A.' D-C3N@DM ' FG&HG' I%%AC%H@L' DA' DG@' ID&%M ' DGID' DG@' LIJ' GIL' K-AO@%' I%L' DGID' &D' FIM' .CBBJ' D&3@' DA' N-@? NI-@' .A-' IHD&A%]' &%@D@@%' DGACMI%L' FI--&A-M ' 3I%J' A.' FGA3' 3&PGD' %AD' B&'@' DA' M@@' DGID' LIJUM' MC%' M@D ' -@MNA%L@L' HG@@-.CBBJ' DA' DG@' MC33A%M' Q DG@J' I-3@L' DG@3M@B'@M' &%' M&B@%H@' I%L' GIMD@R @'@-JDG&%P' @BM@' FIM' &%' -@IL&%@MMR I%L' MGA-DBJ' I.D@-' LIF%' DG@' IBB&@M' IL'I%H@L ' ID' I' MD@ILJ' NIH@' DA' DG@' .AAD' A.' DG@' FIBBM' A.' #A%MDI%D&%ANB@ ' G@&-' C%F@BHA3@' -@DC-%' FIM' P-@@D@L' KJ' I' 3C-L@-ACM' D@3N@MD' A.' 3&MM&B@M ' FG&HG' A.D@%' .@BB' F&DG' .IDIB' IHHC-IHJ' A%' DG@' G@ILM' A.' DGAM@ ' FGA' MACPGD' DA' L&MD&%PC&MG' DG@3M@B'IM' KJ' DG@&-' 'IBAC-' I%L' V@IB ' D' MCHG' I' 3A3@%DACM' H-&M&M ' DG@' 1-@@OM' L&MNBIJ@L' @TD-IA-L&%I-J' HAC-IP@' I%L' @%@-PJ ' ' M@%M@' A.' HA33A%' LI%P@-' M@@3M' DA' GI'@' G@IB@L' %IDC-IB' &%.&-3&D&@MR I' M@%M@' A.' HA33A%' &%D@-@MDM ' DA' GI'@' M@D' IM&L@' DG@' MAH&IB' L&MD&%H? D&A%M' A.' -I%O' I%L' SCIB&DJ ' O@IMI%DM' 3&PGD' %AF' K@' M@@%' .&PGD&%P' KJ' DG@' M&L@' A.' M@%IDA-M ' IP@' KJ' DG@' M&L@' A.' JACDG ' @%' .A-PAD' DG@&-' HA%MD&DCD&A%IB' D&3&L&DJ ' FA3@%' DG@&-' GIK&DCIB' -@M@-'@R I%L' D@%L@-' I%L' L@B&HID@' .@3IB@M ' 3AC%D? &%P' DG@' -I3NI-DM ' I%L' .&%L&%P' HAC-IP@' &%' L@MNI&-' GC-B@L

MDA%@M'I%L'B@'@BB@L'QI''@B&%M'ID'IMMI&BI%DM'.-A3'FGA3'DG@J'@TN@HD@L'I%L'.A-'FGA3'HA%M@SC@%DBJ'DG@J'.@BD'%A'N&DJ'%L@-'DG@M@'D-J&%P'H&-HC3MDI%H@M'DG@' IB&%M'K@GI'@'F&DG'DG@&-'CMCIB'&%D-@N&L&DJ'I%L'M@B. NAMM@MM&A%'R I%L'KJ'L&%D'A.'HA3K&%@L'GI-L&GAAL'I%L'G@-A&M3'DG@J'MCHH@@L@L'&%'-@NCBM&%P'DG@'A%M@D'A.'DG@'@%@3J'A.D@%'F&DG''&PAC-'MA3@D&3@M'F&DG'BAMM' 'BA'@'A.'.I3@'A-'I'GAN@A.'-@FI-L'L&..CM@L'I3A%P'DG@3'I%'IHD&'@'MN&-&D'A.'@3CBID&A%'R DG@J'.ACPGD'F&DG'IL3&-IKB@'''IBAC-'I%L'&%'DG@'AN&%&A%'A.'DGID'IP@'N@-GINM'F&DG'IL3&-IKB@'L&MH&NB&%@'R I%L'DG@&-'@T@-?D&A%M'F@-@'.I-DG@-'MD&3CBID@L'KJ'DG@'IMMC-I%H@'DGID'DG@'D-@IMC-@M'A.'HA%SC@-@L' JVI%D&C3'FACBL'I3NBJ'-@NIJ'DG@&-'DA&B'I%L'.CBBJ'-@B&@'@'DG@&-'%@H@MM&D&@M' A-'&.'DG@'MC-'&'A-M'-@IN@L'I'MN@@L&@-'I%L'3A-@'MCKMDI%D&IB'-@HA3?N@%M@'FIM'DG@'F@B.I-@'A.'DGAM@'FGA'N@-&MG@L'&%'DGID'I-?LCACM'MD-CPPB@'KJ'I%J'3@I%M'A'@-BAAO@L'R /'.AC%L'&%'DG@&-'BID@MD'3A3@%DM'@'@-J'HA%MABID&A%'FG&HG'AC-'&3N@-?.@HD'%IDC-@'HI%'-@H@&'@'A-'K@MDAF'R I%L'DG@'N-&@MD'FGA'IL?3&%&MD@-@L'DA'DG@'LJ&%P'MABL&@-'DG@'HA3.A-DM'A.'-@B&P&A%'DICPGD'G&3'DA'@3K-IH@'DG@'GAN@'A.'&33A-DIB&DJ

CD'&D'FIM'%AF'A%'DG@'@-P@'A.'%AA%'R DG@'HA%D@MD'GIL'BIMD@L'.CBB'M&T'GAC-M'LC-&%P'FG&HG'D&3@'DG@' ID&%M'.@BD'DGID'DG@J'GIL'BAMD'3CHG'I%L'PI&%@L'%ADG&%P' %'DG@'ADG@-'GI%L'DG@'L@ILBJ'I%L'L@MD-CHD&'@'.&-@'A.'DG@' JVI%?D&%@'KIDD@-&@M'IKID@L'%AD'DG@'K@M&@P@L'HA%D&%C&%P'DA'NBJ'DG@'HIDINCBDM'I%L'%Q+%PA%@BM'F&DG'C%F@I-&@L'@%@-PJ'I%L'N-@H&M&A%'R I%L'DG@' I-A%M'HA&LL'%AD'G@BN'-@.B@HD&%P'DGID'FG&B@'DG@'-@MAC-H@M'A.'<CHIM'INN@I-@L'DA'K@'&%@TGICMD?&KB@'DG@&-'AF%'%C3K@-M''&M&KBJ'L&3&%&MG@L'DG@&-'AF%''&PAC-'MBAFBJ'L@HB&%@L' @%'A.'I'MI%PC&%@'D@3N@-I3@%D

MAA%' IL3&DD@L' I' HA%.CM@L' DG-A%P' A.' MABL&@-M' I%L' N-&@MDM' O%&PGDM' I%L' 3I-&%@M' &%DA' DG@' &BB .ID@L' #A%MDI%D&%ANB@ ' G@' N-@H&%HDM' A.' DG@' -I3NI-DM' &D' FIM' .AC%L' F@-@' @%? D&-@BJ' IKI%LA%@L' KJ' DG@&-' -@H@%D' L@.@%L@-M' FGA' GIL' .B@L' &%' NI%&H' L&MA-L@-' @'@%' DC-%&%P' I' L@I.'@I-' DA' DG@' -IBBJ&%P' H-J' A.' C-DVCNGB@M'R I%L' I.D@-' -@N@ID@L' IDD@3NDM' DA' -@? IMMC-@' DG@3' DG@' BIDD@-' FIM' AKB&P@L' DA' DIO@' -@.CP@' &%' DG@' NIBIH@' A.' CHAB@A%' FG@-@' G@' MCHH@@L@L' I.D@-' MA3@' L&..&? HCBDJ' &%' &%D-@%HG&%P' G&3M@B.' I%L' &%' HABB@HD&%P' I' %C3@-ACM' PI--&MA%' G@' '&B@' HAFI-L&H@' A.' G&M' .ABBAF@-M' K&DD@-BJ' L&M? INNA&%D@L' DG@' @TN@HDID&A%M' A.' DG@' @3N@-A-' @D' FIM' G@' QCMD&.&@L' &%' GAN&%P' .A-' K@DD@-' DG&%PM' .-A3' I' %ID&A%' DGID' O%@F' %A' 3@L&C3' KWDF@@%' DG@' 3AMD' .I%ID&HIB' @%DGCM&IM3' I%L' DG@' 3AMD' IKQ@HD' L@MNA%L@%HJ' I%L' &%' FGAM@' @J@M' IM' F@' I-@' IMMC-@L' KJ' DG@' G&MDA-&I%' I%' A-L&%I-J' "-@%HG' O%&PGD' FIM' 3IP%&.&@L' DA' I' P&I%D' I%L' G&M' MHI%DJ' -@D&%C@' FIM' 3CB? D&NB&@L' DA' I' GAMD

G@' MCHH@MM' A.' DG@' ID&%M' FIM' &%' .IHD' HA3NB@D@' CD' DG@' $@%@D&I%M' G@I-L' F&DG' HA%H@-%' DGID' DG@' 'IB&I%D' BK@-D& GIL' .IBB@%' &%' DG@' MD-CPPB@' %AD' KJ' DG@' GI%L' A.' I' .A@' KCD' KJ' DGID' A.' G&M' NI-D%@-' &%' LI%P@-' %L-W' LU -KA&M@' FGA' 3&MDAAO' G&3' &D' &M' MI&L' &%' DG@' GC--J' A.' DG@' 3A3@%D' .A-' I' 1-@@O'R I%L' DG@' LAP@' G&3M@B.' 3&PGD' -@P-@D' DGID' A%@' FGA' GIL' IHSC&DD@L' G&3M@B.' MA' %AKBJ' A.' G&M' LCDJ' I%L' L@M@-'@L' MA' F@BB' A.' DG@' -@NCKB&H' MGACBL' HA3@' DA' MA' MIL' I%L' &%PBA? -&ACM' I%' @%L' G@J' F@-@' MAA%' L-IF%' .-A3' DG@M@' -@.BHH' D&A%M' GAF@'@-' KJ' I' 3IDD@-' A.' 3A-@' '&DIB' I%L' 3A3@%DACM' &3NA-DI%H@' *D' FIM' D-C@' DGID' DG@J' GIL' @..@HD@L' I%' @%? D-I%H@' &%DA' DG@' H&DJ' CD' DG@' MD-@@DM' F@-@' %I--AF' DG@

KC&BL&%PM MNIH&ACM DG@ NANCBID&A% FIM BI-P@ DG@ GA&C IL'I%H@L I%L DG@ HG&@.M INN-@G@%M&'@ DGID DG@ INN-AIHG A. LI-O%@MM 3&PGD MCPP@MD DA DG@&- @%@3&@M DG@ &L@I A. I P@%@-IB 3IMMIH-@ -@MAB'@L DA NIMM DG@ %&PGD C%L@- I-3M G@&- .@I-M F@-@ FGABBJ P-AC%LB@MM G@ HA%SC@-A-M F@-@ B@.D &% C%L&MDC-K@L NAMM@MM&A% A. DG@&- %@F SCI-D@-MR I%L DG@ 3A-%&%P A. DG@ E'DG A. N-&B HI3@ DA BIJ ID DG@&- .@@D DG@ MNA&BM A. JVI%D&C3 I%L DG@ C%DABL F@IBDG A. G@- NIBIH@M I%L HGC-HG@M

@D IBDGACPG DG@&- L-@IL A. I% C%&'@-MIB &%MC--@HD&A% FIM %AD -@IB&V@L DG@ <AP@ I%L DG@ I-A%M MD&BB .@BD DGID DG@J F@-@ &% I 3AMD D-J&%P I%L L&..&HCBD M&DCID&A% G@J N@-H@&'@L DGID DG@J GIL DIO@% DG@ -&HG@MD H&DJ I%L DG@ MD-A%P@MD .A-D-@MM &% DG@ FA-BL DGID DG@J GIL 'I%SC&MG@L I N@ANB@ -@LCH@L KJ @&PGD H@%DC-&@M A. KIL I%L ANN-@M? M&'@ PA'@-%3@%D DA DG@ BAF@MD L@P@%@-IHJ I%L DGID DG@J GIL A'@-DC-%@L F&DG HA3NI-ID&'@ .IH&B&DJ DG@ DG-A%@ A. DG@ N-&%H@M FGA GIL FIMD@L DG@&- GAC-M I%L DG@ NCKB&H 3A%@J &% DG@ NB@IMC-@M A. DG@ GI-@3 I%L DG@ HGIM@ I%L FGA HG@ID@L D&3@ I%L A..@%L@L %IDC-@ d KJ -@I-&%P .BAF@-M &% F&%D@-+ I%L HCBB&%P &% MN-&%P DG@ .-C&DM A. DG@ ICDC3% K CD DG@J IBMA N@-H@&'@L DGID ACD A. DG&M D-&? C3NG GIL I-&M@% ADG@- LCD&@M ADG@- LI%P@-M DG@ %@H@MM&DJ A. N-AD@HD&%P DG@ HA%SC@-@L DG@ -&MO A. BAM&%P DG@ HA%SC@MD G@J O%@F DGID DG@ 3A3@%D FIM ID GI%L FG@% #A%MDI%? D&%ANB@ I%L IBB DGID &D GIL &% &D A. K@ICDJ A. -&HG@M I%L A. MI%HD&DJ FACBL K@ NBIH@L KJ DG@ -CB@M A. FI- ID DG@ 3@-HJ A. DG@&- .ABBAF@-MR I%L DG@J .@BD DGID &D FACBL -@SC&-@ IBB DG@&- @%@-PJ I%L M@B. HA33I%L DA HC-K DG@ K-CDIB '&AB@%H@ A. I N-A.B&PID@ I%L HA'@DACM MABL&@-J G@

"" =

B@%P@L' A%' DG@' FIJ' I%L' MA3@D&3@M' F@-@' -ACPGBJ' GI%LB@L'
KJ' DG@' MD-IPPB&%P' KI%LM' A.' N&BBIP@-M' FGA' 3&PGD' K@' ID?
D-IHD@L' KJ' DG@' K@ICDJ' A.' DG@' FA3@%' A-' DG@' HGI%H@' A.' MNA&BR'
KCD' DG@' -@ILJ' F&D' I%L' PAAL' ILL-@MM' A.' DG@&-' PC&L@' I%L'
N-AD@HDA-' FGA' NCMG@L' DG@' IMMI&BI%DM' IM&L@' F&DG' PIJ' N@DC?
BI%H@' HBI&3&%P' DG@' NI-DJ' IM' G&M' N-&MA%@-M' A.' FI-' A'@-HI3@'
@'@-J' AKMDIHB@'R I%L' @'@%' DG@' MABL&@-' FGA' GIL' DC-%@L' I'
L@I.' @I-' DA' @'@-J' ADG@-' HIBB' .I&B@L' %AD' DA' -@MN@HD' DG@' NA-?
D&A%' A.' I' HA3-IL@' G@' 3@-HGI%D' FGA' &%' DG@' .-&@%L' A.'
G&M' JACDG' GIL' .A-PADD@%' DG@' @%@3J' A.' G&M' HAC%D-J' GI'&%P'
@T@HCD@L' DG&M' IL3&-IKB@' 3I%qC'-@' I%L' L&MHGI-P@L' DG&M'
N-I&M@FA-DGJ' LCDJ' -@DC-%@L' DA' #A%MDI%D&%ANB@'R DG@' .C?
P&D&'@M' A%' DG@&-' NI-D' N-AH@@L@L' IM' .I-' IM' @BJK-&I' &%'
G-IH@' FG@-@' DG@J' .&T@L' DG@&-' .CDC-@' -@M&L@%H@' I%L' FG@-@'
&H@DIM' G&3M@B.' @3NBAJ@L' G&M' B@&MC-@' &%' L@MH-&K&%P' F&DG'
DG@' H-AAO@L' N@%' A.' I' NID-&AD' I%L' I%' @J@F&D%@MM' DG@' BIMD'
LIJM' A.' DG@' ;A3I%' @3N&-@

D' DG@' MI3@'D&3@' FG&B@' DG@J' -@H@&'@L' DG@' CMCIB' GH@%M@'
.A-' -IN&%@' DG@' ID&%M' F@-@' @%QA&%@L' C%L@-' NI&%' A.' L@IDG'
DA' L@NAM&D' IBB' DG@' .-C&DM' A.' DG@&-' NtBIP@' &%' A%@' A.' DG-@@'
HGC-HG@M' FG&HG' F@-@' MN@H&IBBJ' M@D' INI-D' .A-' DG@' NC-NAM@'
fG&M' A-L@-' N-AKIKBJ' FIM' %AD' F&DGACD' &DM' @..@HD' J@D' &D' FIM'
.I-' '@-J' .I-' .-A3' K@&%P' -&P&LBJ' AKM@-'@L' *%' %AD' I'.@F'
HIM@M' DG@' BCMD' A.' PI&%' I%L' DG@' DG&-MD' .A-' MNA&B' N-A'@L'
MD-A%P@-' DGI%' DG@' .@I-' A.' NC%&MG3@%D'R I%L' F@' 3CMD' -@?
HABB@HD' DGID' DGAM@' I&D&HB@M' A.' NBC%L@-' FG&HG' F@-@' 3AMD'
N-@H&ACM' F@-@' IBMA' B@IMD' KCBOJ' G@-@' &M' -@IMA%' DA' K@?
B&@'@' DGID' 3I%J' P@3M' A.' DG@' HGA&M@MD' FID@-' $IM@M' A.' &%@M?
D&3IKB@' 'IBC@' -@B&HM' A.' I%' ALA-ACM' MI%HD&DJ' F@-@' N&B.@-@L'
.-A3' DG@' IBDI-M' A-' DG@' -@B&SCI-&@M' IM' F@BB' IM' .-A3' N-&'ID@'
LF@BB&%PM' KJ' DG@' MA-L&L' I%L' -INIH&ACM' MABL&@-J' I%L' MABL

KJ DG@3 ID I NIBD-J N-&H@R I%L IBDGACPG DG@M@ 3IDHGB@MM -I-&D&@M F@-@ -@HA'@-@L NI-DBJ KJ DG@ HAC-M@ A. @THGI%P@ I%L DG@ &P%A-I%H@ A. I-D NI-DBJ N@-GINM KJ DG@ L&B&P@%D &%SC&-&@M A.DG@ HG&@.M &D &M DA K@ .@I-@L DGID %A &%HA%M&L@-? IKB@ NA-D&A% FIM BAMD &--@D-&@'IKBJ &% -&AD +PI3&%P I%L L@KICHG@-J G@P-@ID@-NI-D GAF@'@- .AC%L I FA-DG&@- L@MD&%ID&A% I%L FIM INNB&@L DA I %AKB@- NC-NAM@ G@ N-ACL 3A%C3@%DM A. GC3I%P@%&CM I%L GC3I%BIKAC- DG@ MHCBNDC-@M DG@ NI&%D&%PM DG@ .-@MHA@M DG@ 3AMI&HM I%L DG@ 3&%@-IBM FG&HG DG@ &%LCMD-J I%L DIMD@ A. D@% P@%@-ID&A%M A. 3@%GIL P-ILCIBBJ I3IMM@L &% DGID #&DJ A. #&D&@M F@-@ MHIDD@-@L KJ DG&M P-@ID -@'ABCD&A% I3A%P DG@ NIBIH@M I%L HGC-HG@M DG@ HIMDB@M I%L IKK@JM A. @MD@-% !C-AN@R I%L LAF% DA I N@-&AL F&DG&% DG@ 3@? 3A-J A. 3@% %AF B&'&%P DG@ #IDG@L3B A. D I-O I%L DG@ :IBB A. DG@ 1-@ID #AC%H&B ID $@%&H@ F@-@ L@HA-ID@L F&DG DG@ D-ANG&@M I%L @%-&HG@L F&DG DG@ D-@IMC-@M FG&HG .@BB DA DG@ BAD A. DG@ -@NCKB&H ID DG@ MIHO A. #A%MDI%D&%ANB@ &%

*D &M L&..&HCBD DA .A-3 I QCMD @MD&3ID@ A. DG@ N-AN@-DJ FG&HG FIM B@PIBBJ HBI&3@L A- N-&'ID@BJ MDAB@% &LBJ FIMD@L A- FI%DA%BJ L@MD-AJ@L KJ DG@ "-@%HG I%L $@%@D&I%M I.D@- DG@ HA%SC@MD *% I B@DD@- FG&HG G@ ILL-@MM@L DA DG@ NAN@ &% DG@ MI3@ J@I- DG@ #AC%D A. "BI%L@-M IMM@'@-ID@L DGID d DG@-@ FIM 3A-@ F@IBDG &% DG@ 1-@@O HIN&DIB DGI% &% IBB DG@ -@MD A. !C-AN@ DAP@DG@-Rk I%L DG@ I-MGIB A. #GI3? NIP%@ GIM %AD G@M&DI.@L DA -@HA-L I HA%'&HD&A% DG ID d M&%H@ DG@ K@P&%%&%P A. DG@ FA-BL %@'@- FIM MA 3CHG -&HG@M M@@% HABB@HD@L &% I M&%PB@ H&DJ k G@M@ BAAM@ I%L GIMDJ @T? N-@MM&A%M DG-AF C%.A-DC%ID@BJ B&DDB@ B&PGD A% DG@ MCKQ@HD

G@J' 3@-@BJ' M&P%&.J' DG ID' DG@' D-@IMC-@' .AC%L' &%' JVI%? D&C3' IBDAP@DG@-' MC-NIMM@L' DG@' &L@I' A-' HA%H@ND&A%' FG&HG' GIL' K@@%' .A-3@L' A.' DG@3' KJ' IBLF&%' A-' $&BB@GI-LAC&%' A-' @BM@' DG@J' &%L&HID@' DG ID' DG@' O%AFB@LP@' FG&HG' DG@M@' DFA' &BBCMD-&ACM' HA%D@3NA-I-&@M' NAMM@MM@L' A.' DG@' -@MD' A.' !C-AN@' FIM' MA3@FGID' MHI%DJ' @' GABL' &D' GAF@'@-' .-A3' I%' @TH@BB@%D' ICDGA-&DJ' DG ID' DG@' N-AN@-DJ' @SCIBBJ' L&? '&L@L' K@DF@@%' DG@' DFA' %ID&A%M' FIM' HA3NCD@L' ID' %&%@' GC%L-@L' DGACMI%L' 3I-OM' A.' M&B'@-' A-' z 8 R' I%L' &.' F@' 3IJ' K@B&@'@' IM' &D' &M' MDID@L' KJ' 1&KKA%' DG ID' DG@' M@H-@D' .I-' @TH@@L@L' DG@' IHO%AFB@LP@L' NBC%L@-' DG@' DADIB' 3&PGD' -@N-@M@%D' I' MC3' A.' z ' A-' z ' A.' !%PB&MG' 3A%@J' A.' DG@' N-@M@%D' LIJ

G@' V@IB' I%L' N@-D&%IH&DJ' A.' DG@' #-CMIL@-M' 3IJ' +M@-'@' DA' @TNBI&%' DG@' IHHC3CBID&A%' A.' MA' 'IMD' I' D-@IMC-@' !'@-J' LF@BB&%P' FIM' @TNBA-@L' KJ' DG@3' !'@-J' GACM@' FIM' -I%? MIHO@L' !'@-J' HA-%@-' FIM' '&M&D@L' !'@%' DG@ HB@-PJ' 3&T@L' &%' DG@' H-AFL' INN-@G@%M&'@' ZIM' F@' I-@' &%.A-3@L[' B@MD' DG@' MIH-@L' '@MM@BM' DG@' 'IM@M' A.' PABL' I%L' M&B'@-' I%L' DG@' HCNM' A.' NA-NGJ-J' MGACBL' .IBB' &%DA' N-A.I%@' GI%LMR' I%L' B&DDB@' DG ID' FIM' HB+IMD@' A-' HAMDBJ' &%' JVI%D&C3' @MHIN@L' DG@' .&%P@-' A.' BCMD' A-' @BCL@L' DG@' @J@' A.' HCN&L&DJ' G@' 1-@@OM' -@PI-L@L' DG@' @TH@MM@M' A.' DG@&-' HA%SC@-A-M' F&DG' 3CD@' &%L&P%ID&A%' I%L' MCBB@%' L@MNA%L@%HJR' KCD' DG@' FA3@%' D-@3KB&%P' ID' A%H@' .A-' DG@&-' AF%' GA%AC-' I%L' DG@' MI.@DJ' A.' DG@&-' D@%L@-' A..MN-&%P' DG-@F' IM&L@' DG@&-' %IDC-IB' -@M@-'@' I%L'@3K-IH@L' DG@' O%@@M' FG&B@' DG@J' &3NBA-@L' DG@' HB@3@%HJ' A.' DG@' ID&%M' G@' %I3@' A.' A%D.@--IDA' FGA' FIM' IBB&@L' KJ' 3I--&IP@' F&DG' DG@' :ACM@' A.' #A3%@%I' IM' 3AMD' .I? 3&B&I-' DA' DG@&-' @I-M' I%L' B@IMD' AK%AT&ACM' DA' DG@&-' .@@B&%PMR

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DG@Jʻ @'@%ʻ DGACPGDʻ IMʻ DG@Jʻ GAN@Lʻ DGIDʻ G+ FIMʻ IB-@ILJʻ DG@&-ʻ @3N@-A-ʻ @B@HDR I%Lʻ FG@%@'@-ʻ DG@Jʻ HI3@ʻ &%ʻHA%DIHDʻ F&DGʻ MD-IPPB&%Pʻ NI-D&@Mʻ A.ʻ MABL&@-Mʻ DG@ʻ .Q&-ʻ CNNB&I%DMʻ N-@MM@Lʻ DG@&-ʻ H-AMM@Mʻ DAʻ DG@&-ʻ KAMA3Mʻ I%Lʻ H-&@Lʻ IBACLʻ dʻ : ABJʻ 3I-SC&M O&%Pʻ GI'@ʻ N&DJʻ A%ʻ CMʻ k

*%ʻ DG@ʻ 3@I%FG&B@ʻ C-DVCNGB@Mʻ N@-H@&'&%Pʻ DG@ʻ .CD&B&DJʻ I%Lʻ LI%P@-ʻ A.ʻ Iʻ BA%P@-ʻ MDIJʻ &%ʻ DG@ʻ HIN&DIBʻ GILʻ B@.Dʻ #A%? MDI%D&%ANB@ʻ KJʻ DG@ʻ 1ABL@%ʻ 1ID@ʻ IHHA3NI%&@Lʻ KJʻ G&Mʻ F&.@ʻ !CLAH&Iʻ G@ʻ PI--&MA%ʻ FG&HGʻ G@ʻ GILʻ NBI%D@Lʻ IDʻ DG@ʻ NIBIH@ʻ A.ʻ CHAB@A%ʻ MC--@%L@-@Lʻ DAʻ DG@ʻ .&-MDʻ MC33A%Mʻ A.ʻ DG@ʻ ID&%MR I%Lʻ DGIDʻ @&L.&H@ʻ FIMʻ IMM&P%@Lʻ IMʻ Iʻ D@3NA? -I-Jʻ -@M&L@%H@ʻ DAʻ DG@ʻ <AP@ʻ A.ʻ $@%&H@ʻ G@ʻ ADG@-ʻ NCKB&Hʻ KC&BL&%PMʻ F@-@ʻ AHHCN&@Lʻ &%ʻ B&O@ʻ 3I%%@-ʻ I.D@-ʻ DG@ʻ HA%SC@MDʻ KJʻ DG@ʻ "B@3&MGʻ I%Lʻ "-@%HGʻ HG&@.Mʻ I%Lʻ DG@&-ʻ .ABBAF@-Mʻ FGAʻ DGCMʻ DAAOʻ 3&B&DI-Jʻ NAMM@MM&A%ʻ A.ʻ DG@ʻ H&DJRʻ I%Lʻ.-A3ʻ DG&Mʻ 3A3@%Dʻ DG@ʻ ID&%Mʻ K@HI3@ʻ DG@ʻ %A3&%IBʻ 3IMD@-Mʻ A.ʻ 1-@@H@ʻ I%Lʻ DG@ʻ I-K&D@-Mʻ A.ʻ G@-ʻ L@MD&%J

D&BBʻ DG@-@ʻ F@-@ʻ %ADʻ FI%D&%Pʻ &%ʻ #A%MDI%D&%ANB@ʻ 3@%ʻ FGAʻ .A%LBJʻ K@B&@'&%Pʻ DGIDʻ DG@ʻ MDI-ʻ A.ʻ B ʻ GILʻ %ADʻ J@Dʻ M@Dʻ MD&BBʻ IMN&-@Lʻ DAʻ Iʻ KICKB@ʻ I%Lʻ Iʻ%I3@Rʻ I%Lʻ A%ʻ DG@ʻ '@-Jʻ LIJʻ A.ʻ DG@ʻ .B&PGDʻ A.ʻ C-DVCNGB@Mʻ G@ALA-@ʻ IMHI-&Mʻ FGAʻ GILʻ MAʻ P-@IDBJʻ L&MD&%PC&MG@Lʻ G&3M@B.ʻ LC-&%Pʻ DG@ʻ M&@P@ʻ KJʻ G&Mʻ HA-% IP@ʻ I%Lʻ-@MABCD&A%ʻ FIMʻ .A-3IBBJʻ L@HBI-@Lʻ G&Mʻ MCH? H@MMA-ʻ G&Mʻ %ADʻ C%FA-DGJʻ G@&-ʻ A.ʻ DG@ʻ %DA%&%@Mʻ L@HB&%@Lʻ GAF@'@-ʻ F&DGʻ K@HA3&%Pʻ L&..&L@%H@ʻ DG@ʻ N-ACLʻ D&DB@ʻ KA-%@ʻ KJʻ G&Mʻ N-@L@H@MMA-Mʻ I%%AC%H&%Pʻ G&Mʻ F&MGʻ I%Lʻ &%D@%D&A%ʻ DAʻ IMMC3@ʻ DG@ʻ GC3KB@-ʻ L@M&P%ID&A%ʻ A.ʻ) 2ʻ C%D&Bʻ G@ʻ GIL

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M&A%M' F&DGL-@F'&%DA'DG@'HGIN@B'JG&HG'ILQA&%@L'DG@'NIBIH@' DA' L@B&K@-ID@'&%' SC&@D'I%L'M@HBCM&A%' *D' FIM'%IDC-IB'DGID' MA' P-I'@' I%L' &3NA-DI%D' I' SC@MD&A%' MGACBL' P&'@' -&M@' DA' 3I%J'MG-@FL' PC@MM@M'I%L'HA%Q@HDC-@M'IM'DA'DG@'N-AKIKB@' -@MCBD'A.'DGID'HA%.@-@%H@'I%L'&D'FIM'DA'K@'@TN@HD@L'DGID' @IHG'P-ACN'FG&HG'HABB@HD@L'A%'DG@'3A-%&%P'A.'DG@' DG'A.' IJ'-AC%L'DG@' CHAB@A%'MGACBL'ILQCLP@'DG@'MH@ND-@'KJ' I%D&H&NID&A%'DA'DG@'&%L&'&LCIB'FGA3'DG@J'G@BL'.-A3'FGID? @'@-' 3AD&'@'&%' DG@' G&PG@MD' @MD&3ID&A%' A3@'&%L@@L' @TDABB@L'DG@'&-DC@M'I%L'IMM@-D@L'DG@'MCN@-&A-'N-@D@%M&A%M' A.'I'HG&@.'A-'I'-@BID&'@R'KCD'F&DG'@-J'.@F'@TH@ND&A%M'DG@' MC..-IP@M'A.'DG@'I-3J'I%L'DG@'.B@@D'F@-@'L&'&L@L'K@DF@@%' DG@'#AC%D'A.'"BI%L@-M'DG@' I-SC&M'A.' A%D.@--IDA'I%L' DG@'<AP@A.'$@%&H@'FGAM@'-I%O'I%L'-@NCDID&A%'M@@3@L' DA'NBIH@'DG@3'.I-'IKA'@'IBB'ADG@-'HA3N@D&DA-M' .'DGID' &BBCMD-&ACM'D-&IL'DG@'"-@%HG'@TG&K&D@L'I'N-@.@-@%H@'.A-' IBLF&%'DG@' A3KI-LM'I'NI-D&IB&DJ'.A-' A%&.IH@R FG&B@' DG@'$@%@D&I%M'@TN-@MM@L'A%'DG@&-'NI-D'I%'GA%@MD'HA%? '&HD&A%'DGID'DG@&-'B@IL@-'FIM'3AMD'FA-DGJ'DA'IMMC3@'DG@' &3N@-&IB'NC-NB@' d' GID'ABL'3I% k'DG@J'@THBI&3@L'F&DG' QCMD'N-&L@'DGACPG'&D'3CMD'K@'AF%@L'F&DG'MA3@FGID'@T? H@@L&%P'HI%LAC-' d'DGID'ABL'3I%'GIM'PI&%@L'DG@'F&MLA3' I%L'@TN@-&@%H@'A.'IP@'F&DGACD'BAM&%P'DG@'&PAC-'I%L'.&-@' A.'JACDGR G&M'M&PGD'3IJ'K@'L&3R KCD'G&M'&%D@BB@HD'&M'HB@I-' I%L'MD-A%P = &D'&M'G@'DGID'DAAO'#A%MDI%D&%ANB@ k' G@' @B@HDA-M'INN@I-@L'DA'K@'3CHG'A.'DG@'MI3@'AN&%&A%' G@' &MGANM'A.' A&MMA%M'I%L' -AJ@M'I%L'.&'@'A.'G&M'HAC%D-J? 3@%'L@HBI-@L'.A-'DG@'LAP@R .AC-'A%BJ'F@-@'&%HB&%@L'DA' 'AD@'.A-' IBLF&%'A-' A%&.IH@R I%L'M&%H@'DG@'MCNNA-D@-M' A.'<I%LABA'HA3NAM@L'I'3IQA-&DJ'DG@J'F@-@'N-ANAM&%P'DA

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FG&HG FACBL I-&M@ .-A3 DG@ @B@'ID&A% A. I .@BBAF H&D&V@% DA DG@ DG-A%@ A. #A%MDI%D&%ANB@ IMD@-A. DG@ FGAB@ A. 1-@@H@ IM F@BB IM A. I BI-P@ NA-D&A% A. DG@ !IMD HBADG@L F&DG DG@ NAF@- I%L MFABB@% F&DG DG@ N-&L@ A. MA'@-@&P%DJ F&BB G@-@3I&% MCKQ@HD DA DG@ BIFM A. $@%&H@ &BB G@ %AD .A-P@D G&M HAC%D-J <I%LABA .-A3 DG@ BA.D&? %@MM A. G&M MN&-&D I%L DG@ %AKB@%@MM A. G&M G@I-D FACBL IM *I3 F@BB IMMC-@L K@ .I- IKA'@ MCHG M@%D&3@%DMR KCD FGA MGIBB I%MF@-.A- G&M MCHH@MMA-M GA MGIBB N@-MCIL@ CM DGID $@%&H@ F&BB %AD K@ H-CMG@L K@%@IDG DG@ F@&PGD A. DG@ @3N&-@ DGID DG@ M@ID A. DG@ -@NCKB&H F&BB %AD K@D-I%M? .@--@L DA #A%MDI%D&%ANB@ I%L DGID AC- .-@@LA3 F&BB %AD K@ MIH-&.&H@L *D &M I3&L AC- %ID&'@ BIPAA%M DGID DGID 0AF@- GIM P-ILCIBBJ -&M@% FG&HG %AF HA33I%LM DG@ -@?MN@HD A. IBB !C-AN@ L@DIHG@L .-A3 DG@ MA&B FG&HG PI'@ &D K&-DG D-I%MNBI%D@L DA DG@ MGA-@M A. DG@ AMNGA-CM &D F&BB L@HB&%@ &%LCK&DIKBJ &D F&BB H@IM@ DA K@ AC-M $@%&H@ SC@@% A. DG@ M@IM FACBL K@ DG@%H@.A-DG B&DDB@ 3A-@ DGI% I MCKQ@HD DAF% I L@N@%L@%HJ A. DG@ 1-@@O @3N&-@ AC 3IJ D@BB 3@ DGID <I%LABA I%L G&M G@&-M F&BB %A BA%P@- &% .IHD K@ $@%@D&I%M I%L DGID $@%&H@ F&BB GI'@ DG@ GA%AC- A. GI'&%P P&'@% 3IMD@-M DA 1-@@H@ CD DGID *MIJ &M I HA%L&D&A% FG&HG <I%LABA G&3M@B. FACBL %AD IHH@ND A-@ N-ACL A. K@&%P DG@ .&-MD 3IP&MD-ID@ A. I''&HDA-&ACM-@NCKB&H DGI% DG@ MA'@-@&P% A. I ''I%SC&MG@L MDID@ G@ FACBL &.*3&MDIO@ %AD -@Q@HD MCHG I% @THGI%P@ %L FGID MGIBB F@ GI'@ PI&%@L KJ DG@ HA%SC@MD &. &D &%'AB'@M DG@ BAMM A. A%@ A. AC- 3AMD &BBCMD-&ACM I%L I%H&@%D .I3&B&@M #A%? M&L@- IPI&% DG&M @B@HD&A% F&BB N-AKIKBJ N-@HBCL@ JAC .-A3 IHG&@'&%P DG@ B@IL&%P AKQ@HD A. DG@ C%L@-DIO&%P &% FG&HG

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JAC' I-@' @%PIP@L' AC' HI%' GI-LBJ' .I&B' DA' -@HABB@HD' DG@' N@-&BR' DA' FG&HG'DG@' Q@IBACMJ' A.'DG@' #AC%D' A.' I&%D' 1&B@M' @TNAM@L'OIB@MD&%@' ID' DG@' D&3@' FG@%' 1AL.-@J' L@' AC&BBA%' FIM' H-AF%@L' a&%P' A.'5@-CMIB@3R' ;IJ3A%L' N&SC@L' IM' &D' 3&PGD' M@@&&' ID' DG@' N-@.@-@%H@' FG&HG' GIL'K@@%'P&'@%'DA' 1AL.-@J' I%L'%AD' MID&M.&@L' F&DG' L@N-&'&%P' DG@' BIDD@-'A.'G&M' AF%' MCNNA-D'MCHH@@L@L' &%' L-IF&%P'DG@' P-@ID@-'NI-D' A.'DG@' ADG@-' HG&@.M' &%' G&M' D-I&%R I%L' &D' &M' H@-DI&%' DGID' KCD' .A-' DG@' 3@-HJ' A.' 1AL' 5@-CMIB@3' GIL' K@@%' BAMD' A LIJ' &D' M@@3M' DA' 3@' DGID' F@' &%HC-UI' M&3&BI-' LI%P@-R' I%L' &.' JAC' -@3I&%' .I&DG.CB' DA' DG@' AIDG' FG&HG' FIM' IL3&%&MD@-@L' DA' JAC' A%' IMMC3&%P' DG@' #-AMM' JAC' 3CMD' ID' N%H@' -@B&%SC&MG' DG@' &L@I' A.' %A3&%ID&%P' AC-' LAP@' DA' DG@' 'IHI%D' DG-A%@' I%L' IBBAF' JAC-' L@H&M&A%' DA' -@MD' K@DF@@%' DG@' #AC%D' A.' "BI%L@-M' I%L' DG@' I-SC&M' A%&.IH@' GAM@' DFA' N-&%H@M' I-@' @SCIBBJ' HINIKB@'KJ'DG@&-' N-CL@%H@' I%L' 'IBAC-' A.' N-@? M@-'&%P' DG@' HA%SC@MD' A.' FG&HG' F@' MGI-@' DG@' PBA-J' %BJ' B@D' &D' K@' C%L@-MDAAL' &%' A-L@-' DGID' F@' 3IJ' N-@'@%D' DG@' H@-DI&%' I%L' L@NBA-IKB@' @..@HDM' A.' L&MC%&A%'DGID' FG&HG@'@-' A.' DG@' DFA' &M' GA%AC-@L' KJ' JAC-' MC..-IP@M' MGIBB' J&@BL' DA' DG@' ADG@-' DG@' &MBN%L' I%L' L@N@%L@%H&@M' A.' #I%L&I' IM' F@BB' IM' IBB' DG@' D@--&DA-J' FG&HG' MD&BB' K@BA%PM' DA' DG@' @3N&-@' K@? JA%L' DG@' AMNGA-CM' J' DG&M' 3@I%M'JAC' F&BB' IDDIHG' DG@3' DA' @IHG' ADG@-' KJ' DG@' D&@M' A.' .-&@%LMG&N' I%L' &%D@-@MDR' ADG@-? F&M@' &D' &M' DA' K@' INN-@G@%L@L' DGID' KADG' F&BB' K@' BAMD' I%L' F&DG' DG@3' DG@' GAN@' A.'-@HA'@-&%P' DG@' :ABJ' I%L k

G@' FA-LM' A.' I-KA' N-ALCH@L' I' L@@N' &3N-@MM&A%' A%' DG@' 3&%LM' A.' G&M' HABB@IPC@MR' G&M' 3AD&'@M' F@-@' IL3&-@LR' G&M' '&@FM' F@-@' ILAND@LR' I%L' B@I'&%P' <I%LABA' ACD A.'DG@' SC@MD&A%' DG@' @B@HDA-M' -@MC3@L' DG@&-' L@B&K@-ID&A%M' *D' A%BJ

-@3I&%@L' .A-' DG@3' DA' L@H&L@' K@DF@@%' IBLF&%' I%L' A%D' .@--IDA' CD' MA' @SCIBBJ' KIBI%H@L' F@-@' DG@' HBI&3M' I%L' SCIB&.&HID&A%M' A.' DGAM@' DFA' N-&%H@M' DGID' DG@' HGA&H@' IN? N@I-@L' ID' .&-MD' @TD-@3@BJ' L&..&HCBD' I%L' N@-NB@T&%P' $@? %@D&I%' &%.BC@%H@' GAF@'@-' CBD&3ID@BJ' DC-&&@L' DG@' MHIB@' I-KA' I%L' G&M' HAC%D-J3@%' .I&B@L' %AD' DA' N@-H@&'@' A%' -@? .B@HD&A%' DGID' DG@' *DIB&I%' NAMM@MM&A%M' A.' A%&.IH@' FACBL' -@%L@-' G&3' IM' @3N@-A-' I' D-ACKB@MA3@' %@&PGKAC-' I%L' I' LI%P@-ACM' @%@3J' I%L' DGID' IBDGACPG' G@' N-A.@MM@L' G&3? M@B.' ID' N-@M@%D' DG@' .-&@%L' A.' <I%LABA' I%L' DG@' -@NCKB&H' ADG@-' I%L' 3A-@' NA F@-.CB' &%D@-@MDM' 3&PGD' B@IL' G&3' ID' I' MCKM@SC@%D' N@&.&AL' DA' .A-3' HA3K&%ID&A%M' A-' HA%%@HD&A%M' GC-D.CB' DA' DG@' -@NAM@' N@-GINM' DA' DG@' .-@@LA3' A.' I' DID@' FG&HG' @'@%' &%' &DM' P-@ID%@MM' I%L' &%L@N@%L@%H@' GIL' I' '@-J' B&3&D@L' D@--&DA-J' I%L' I' '@-J' MHI%DJ' NANCBID&A%' %' DG@' ADG@-' GI%L' DG@' @MDID@M' A.' IBLF&%' F@-@' 3A-@' -@3AD@' G&M' I3K&D&A%' B@MM' .A-3&LIKB@R' I%L' DG@' $@%@D&I%M' L@D@-3&%@L' DA' DG-AF' DG@&-' M&T' 'AD@M 3DA' DG@' MHIB@' &%' G&M' .I'AC-' G@' #AC%D' A.' "BI%L@-M' FIM' L@HBI-@L' DG@' AK@HD' A.' DG@&-' HGA&H@' G@' L@H&M&A%' FIM' %AD&.&@L' ID' 3&L%&PGD' DA' DG@' @TN@HDI%D' DG-A%P' F&DGACD' KJ' @'@BA%' &MGAN' A.' A&MMA%MR' I%L' DG@' MD&BB%@MM' A.' DG@' I&-' FIM' MCLL@%BJ' K-AO@%' KJ' I%' C%&'@-MIB' H-J' A.' d' A%P' B&'@' DG@' !3N@-A-' IBLF&%' K' <I%LABA' I%L' A%&.IH@' GIMD@%@L' DA' HA%P-IDCBID@' DG@&-' %AKB@' HA3NI%&A%' A%' G&M' PAAL' .A-DC%@' I%L' DA' K@I-' I' NI-D' &%' DG@' H@-@3A%J' A.' -I&M&%P' G&3' A%' DG@ KC@OB@-R' G&M' MAB@3%' &%MDIBBID&A%' DAAO' NBIH@' A%' DG@' E-L' A.' IJR' I%L' I.D@-' DGID' &3NAM&%P' MN@HDIHB@' .AC- I%L DF@%DJ' HA33&MM&A%@-M' DF@B'@' A.' FGA3' F@-@' $@%@D&I%M' DF@B'@' "-@%HG3@%' A3KI-LM' A-' "&@

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3&%PMʻ F@-@ʻ .C-%&MG@Lʻ KJʻ DG@ʻ <AP@ʻ I%Lʻ DG@ʻ I-A%Mʻ F&DGʻ &%MD-CHD&A%Mʻ I%Lʻ ICDGA-&DJʻ DAʻ IMM&P%ʻ DAʻ DG@ʻ 'I-&ACMʻ 3@3? K@-Mʻ A.ʻ DG@ʻ GABJʻ HA%.@L@-IHJʻ DG@ʻ BI%LMʻ FG&HGʻ DG@Jʻ I%Lʻ DG@&-ʻ G@&-Mʻ MGACBLʻ GABLʻ &%ʻ .&@.ʻA.ʻ IBLF&%ʻ I%Lʻ G&Mʻ MCHH@M? MA-Mʻ G&Mʻ IBBABB%@%Dʻ GAF@'@-ʻ%@H@MMI-&BJʻN-A'@Lʻ&%ʻ 3I%Jʻ &%MDI%H@Mʻ Iʻ 3@-@ʻ .A-3IB&DJʻQ DG@ʻ JVI%D&%@ʻ HAC-Dʻ MD&BBʻ @T? @-H&M@Lʻ Iʻ %A3&%Bʻ MA'@-@&P%DJʻ A'@-ʻ DG@ʻ FGAB@ʻA.ʻ ! IMD@-%ʻ ! C-AN@ʻ I%Lʻ Iʻ HA%M&L@-IKB@ʻ NA-D&A%ʻA.ʻ M&IRʻ I%Lʻ DG@ʻ ID&%Mʻ F@-@ʻ &%ʻ HA%M@SC@%H@ʻA.D@%ʻ NCDʻ &%ʻ NAMM@MM&A%ʻA.ʻN-A'&%H@Mʻ A.ʻ FG&HGʻDG@Jʻ GILʻ J@Dʻ DAʻ IHG&@'@ʻDG@ʻHA%SC@MDʻ I%Lʻ DAʻB@I-%ʻ DG@ʻ %I3@Mʻ Jʻ '&-DC@ʻA.ʻDG@ʻ-@H@%Dʻ D-@IDJʻ DG@ʻ I-SC&Mʻ A.ʻ A%D.@--IDAʻ FIMʻ &%'@MD@Lʻ F&DGʻDG@ʻ MA'@-@&P%DJʻA.ʻDG@ʻ &MBI%Lʻ A.ʻ#I%L&Iʻ I%Lʻ A.ʻ IBBʻ DG@ʻ D@--&DA-Jʻ BJ&%Pʻ K@JA%Lʻ DG@ʻ AMNGA-CMRʻ DG@ʻ #AC%Dʻ A.ʻ BA&Mʻ K@HI3@ʻ <CO@ʻA.ʻ &H@Iʻ ;@P%&@-ʻ L@ʻ "-&DGʻ <CO@ʻ A.ʻ OG&B&NNANAB&Mʻ &BB&I3ʻ L@ʻ #GI3NB&D@ʻ O-&%H@ʻA.ʻ HGI&IRʻ I%Lʻ IMʻ G@-ʻ MGI-@ʻ A.ʻ DG@ʻ MNA&Bʻ DG@ʻ -@NCKB&Hʻ A.ʻ $@%&H@ʻ -@H@&'@Lʻ DG@ʻ A-@Iʻ DG@ʻ *BBJ-&H I%Lʻ *A%&I%ʻ *MB@Mʻ Iʻ BI-P@ʻ NN-D&A%ʻ A.ʻ G@MMIBJʻ DG@ʻ NA-IL@Mʻ DG@ʻ #JHBIL@Mʻ DG@ʻ H&D&@Mʻ A.ʻ L-&I%ANB@ʻ -IQIʻ %ANB@ʻ <&LJ3AD&HGAMʻ I-&Lʻ<C-IVVAʻDG@ʻN-A'&%H@ʻA.ʻ @-'&Iʻ I%Lʻ DG@ʻ HAIMDMʻA.+DG@ʻ :@BB@MNA%D

@Dʻ DG@ʻ $@%@D&I%Mʻ F@-@ʻ %ADʻ SC&D@ʻ MID&M.&@Lʻ F&DGʻ DG@M@ʻ BI-P@ʻ IHSC&M&D&A%Mʻ G@ʻD-CDGʻ FIMʻDG IDʻ DG@JʻGILʻ.-A3ʻDG@ʻ .&-MDʻ HIMDʻ Iʻ BA%P&%Pʻ@J@ʻ IDʻ#I%L&Iʻ FGAM@ʻNAM&D&A%ʻ I%Lʻ -@? MAC-H@Mʻ A..@-@Lʻ MCHGʻ D@3ND&%Pʻ I%Lʻ&3NA-DI%Dʻ IL'I%DIP@Mʻ DAʻ DG@ʻ 3@3K@-Mʻ A.ʻ Iʻ D-IL&%Pʻ HA33C%&DJʻ FG&B@ʻ DG@Jʻ INN@I-@Lʻ DAʻ K@ʻDG-AF%ʻ IFIJʻA%ʻ Iʻ N-&%H@ʻ FGAʻNAMM@MM@Lʻ %@&DG@-ʻ MG&NMʻ %A-ʻ HA33@-H@ʻ A-ʻ FIMʻ A%&.IH@ʻA%ʻ G&Mʻ NI-Dʻ L&M&%HB&%@Lʻ DAʻ@%D@-ʻ&%DAʻ%@PAD&ID&A%Mʻ .A-ʻDG@ʻD-I%M.@-

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A.' G&M' %@F' NAMM@MM&A%R' I%L' I' D-@IDJ' FIM' IHDCIBBJ' HA%? HBCL@L' A%' DG@' DG' A.' CPCMD' ' KJ' FG&HG' DG@' &MBI%L' FIM' MABL' DA' DG@' $@%@D&I%M' .A-' DG&-DJ' NAC%LM' F@&PGD' A.' PABL +

D' DG@' MI3@' D&3@' DG@' JVI%D&%@' HAC-D' FIM' -@3AL@BB@LR' DG@' A..&H@M' A.' DG@' %@F' &3N@-&IB' GACM@GABL' F@-@' K@MDAF@L' A%' DG@' .-&@%LM' A-' .ABBAF@-M' A.' IBLF&%R' I%L' DG@' %AKB@M' A.' "-I%H@' I%L' "BI%L@-M' HA%M@%D@L' DA' DI-%&MG' DG@&-' K-&PGD' @MHCDHG@A%M' F&DG' DG@' @3NDJ' I%L' .I%DIMD&H' D&DB@M' FG&HG' DG@' NA3NACM' @..@3&%IHJ' A.' DG@' 1-@@OM' GIL' K-ACPGD' &%DA' .IMG&A%' F&DGACD' K-&%P&%P' &%DA' HA%D@3ND' G&@--J' A.' AH@M' FIM' H-@ID@L' P-I%L' M@%@MHGIB' #A%A%' A.' @DGC%@' N-ADA? '@MD&I-J' IHI&-@' A.' I&%D @%@GA%' P-I%L' HCNK@I-@-' I%IMM@M' A.' &BB@' P-I%L' HAAOR' I%L' $&BB@GI-LAC&%' &%' ILL&D&A%' DA' G&M' 3I-MGIBLA3' A.' #GI3NIP%@' IHH@ND@L' DG@' MA%A-ACM' KCD' MA3@FGID' 'IPC@' L@M&P%ID&A%' A.' ' B C' A-' HACBL' DG@' LAP@' G&3M@B.' -@.-I&%' .-A3' M@@O? &%P' I' MGI-@' &%' DG@M@' GSNAC-M' I%L' L&MD&%HD&A%M' A' DG@' -@? MN@HDIKB@' D&DB@' A.' <AP@' A.' $@%&H@' <IB3ID&I' I%L' #-AID&I' <ICLABA' ILL@L' DG@' MD-I%P@' @N&DG@D' A.') ' 'B ' 'D ' 'E '6 ' 'E '= 'F1' 3 '> +) '' I%L' 3A-@A'@-' IM' I%' &%L&HID&A%' DGID' G@' FIM' M@HA%L' A%BJ' DA' IBLF&%' &%' -I%O' DG@' ABL' 3I%' HBI&3@L' DG@' N-&'&B@P@' A.' D&%P&%P' G&M' KCMO&%M' F&DG' DG@' &3N@-&IB' NC-NB@' GAM@' FGA' '&@F' MCHG' DG&%PM' &%' I' L&..@-@%D' B&PGD' 3IJ' N@-GINM' HA%M&L@-' DGID' DG@M@' D&DB@M' I%L' GA%AC-M' D@%L@L' DA' &%H-@IM@' DG@' L&P%&DJ' A.' <I%LABLR' KCD' F@' A%' AC-' NI-D' I-@' -IDG@- ± '" ' ' ! ' '0 % * ' ' ' ' '^= +< ' ' ' ' %' * ' ' ' ! ? ' * , ' , ' ' 6 ' 0 ' W ǂ * >: Q '7 ' ' *' <:' 6 '7 '5 ,' *' =D/:

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I%%AC%H@L DG I D DG@ @B@HD&A% A. A3 3 IMA A-AM&%& 3 CMD HA%M@SC@%DBJ K@ HA%M&L@-@L %CB I%L 'A&L @D ZI%L DG@ GAN@M A. DGh L@B&%SC@%DM -@'&'@L[ACD A. I NI-D&HCBI- -@? PI-L .A- DG@ AKQ@HD A. DG@&- HGA&H@ DA FGAM@ 3@-&DM G@ KA-@ F&BB&%P D@MD&3A%J I%L B&O@F&M@ .-A3 f MD-A%P -@BCH? DI%H@ DA K-@IO DG@ N@IH@ A. DG@ #GC-HG DG@ NA%D&.. HA%? M@%D@L A. G&M AF% .-@@ F&BB DA &%'@MD A-AM&%& F&DG DG@ NIBB&C3 R I%L G@ @%QA&%@L IBLF&% I%L G&M MCKQ@HDM DA D-@I D G&3 F&DG IBB DG@ BA'@ I%L -@'@-@%H@ LC@ DA G&M G&PG I%L MIH-@L HGI-IHD@- G&M 3ID@-&IB I%L C%.A-@M@@% AK? MDIHB@ GI'&%P K@@% DGCM -@3A'@L DG@%@F L&P%&DI-J P-ID&? .&@L I %IDC-IB F&MG DA DIO@ .&%IB B@I'@ A. G&M .I3&BJR I%L LC-&%P G&M K-&@. MDIJ ID $@%&H@ G@ -@H@&'@L .-A3 DG@ PA? '@-%3@%D A. DG@ -@NCKB&H H@-DI&%&3N@-ID&'@ &%MD-CHD&A%M .A- G&M PC&LI%H@ &% DG@ HGA&H@ A. I MCHH@MMA- IM F@BB IM &% INNA&%D3@%DM A- N-A3AD&A%M &% DG@ ! IMD@-% #GC-HG G@ &%MD-CHD&A%M &% SC@MD&A% DGACPG MD-&%P@%D F@-@ MC.? .&H&@%DBJ M&3NB@ : &M MCHH@MMA-M F@-@ DA K@ F&DGACD .I&BC-@ A- @TH@ND&A% $@%@D&I% H&D&V@%M R I%L &%L&'&LCIBM A. $@%@D&I% @TD-IHD&A% A- MCHG IM GIL %IDC-IB&V@L DG@3? M@B'@M KJ I -@M&L@%H@ A. D@% J@I-M ID B@IMD &% $@%&H@ F@-@ DA K@ IBA%@ @B&P&KB@ .A- N-@.@-3@%D A-AM&%& N-A? 3&M@L DA AK@J @D ID DG@ MI3@ D&3@ G@ -@M@-'@L DA G&3M@B. I L&MH-@D&A%I-J NAF@- DA ILAND %A HAC-M@ A- DIO@ %A N-AH@@L&%P FG&HG 3&PGD K@ QCMDBJ HA%MD-C@L &%DA L&M? -@MN@HD A. DG@ B@P&D&3ID@ ICDGA-&DJ A. DG@ : ABJ @@

"-A3 ; &IBDA DG@ NID-&I-HG N-AH@@L@L DA ; A3@ FG@-@ G@ NIMM@L DG-ACPG DG@ DG-@@ MCKA-L&%ID@ P-IL@M I%L -@? H@&'@L DG@ NIBB&C3 .-A3 DG@ NAN@R I%L G&M .&%IB -@DC-% DA DG@ MH@%@ A. G&M .CDC-@ BIKAC-M FIM F@BHA3@L F&DG @'@-J

3I-O' A.' NA3N' I%L' QAJ' KJ' DG@' HB@-PJ' I%L' DG@' N@ANB@ ' FGA'
GIL' IMM@3KB@L' &%' BI-P@' %C3K@-M' DA' F&D%@MM' G&M' L&M@3KI-O?
ID&A%' ID' DG@' DQDKBL@%' : A-%

D&BB' DG@' D-&C3NG' A.' <I%LABA' I%L' DG@' -@NCKB&H' FIM'
GI-LBJ' HA3NB@D@'Q DG@' M@HA%L' &%MDIBBID&A%' A.' IBLF&%' FIM'
-@SC&-@L' DA' N@-.@HD ' FGID' DG@' .&-MD' GIL' %@H@MMI-&BJ' B@.D' C%?
LA%@' ' I%L' DG&M' N-&%H@' FGA ' &%' DG@' IKM@%H@' A.' I' NID-&I-HG '
GIL' K@@%' 3@-@BJ' H-AF%@L' KJ' DG@' NINIB' B@PID@ ' FIM' A%H@'
3A-@' HA%LCHD@L' &%' MDID@' DA' DG@' #IDG@L-IB' A.' I&%D' ANG&I '
FG@-@' G@' -@H@&'@L' DG@' GABJ' C%HD&A%' I%L' DG@' PABL@%' L&IL@3'
.-A3' DG@' GI%LM' A.' A-AM&%&

CD' &D' FIM' %AD' DA' K@' @TN@HD@L ' DG ID' DG@' "-@%HG' HB@-PJ'
FACBL' -@PI-L' F&DG' MID&M.IHD&A%' A-' HA3NBIH@%HJ' DG@' .A-3I?
D&A%' &%' DG@' ! IMD' A.' I' N-&@MDGAAL' I%L' G&@-I-HGJ' MA' @THBC?
M&'@BJ' $@%@D&I%R I%L' *G@' @TIBDID&A%' A.' A33IMA' A-AM&%&'
DAP@DG@-' F&DG' DG@' MD-I%P@' I%L' M@'@-@' -@MD-&HD&A%M ' FG&HG'
DG@' PA'@-%3@%D' A.' DG@' -@NCKB&H' GIL' &3NAM@L' A%' G&M' ICDGA?
-&DJ ' GIL' @TH&D@L' &%' DG@&-' 3&%LM' I' MD-A%P' .@@B&%P' A.'Q@IBACMJ'
I%L' L&MHA%D@%D ' A--AF&%P' IM' I' 3ADDA' I%L' P-AC%L' .A-'
DG@3' HA3NBI&%D' DG ID' NI-D' A&'DG@' NAN@UM' BID@' HGI-P@ ' FG&HG'
M@@3@L'K@MD' ILIND@L'DA'DG@&-' NC-NAM@ ' DG@J' HA%D@%L@L ' DG ID'
DG@' @B@HD&A%' A.' DG@' NID-&I-HG' FIM' FGABBJ' &--@PCBI-' I%L' C% '
HI%A%&HIBR DG@' $@%@D&I%' MJ%AL' GIL' %A' &%L@N@%L@%D' -&PGD '
DG@J' MI&L ' DA' 3IO@' DG@' %A3&%ID&A%R I-&L' DG@J' INN@IB@L'
.-A3' &DM' L@H&M&A%' DA' DG@' : ABJ' @@

.D@-' DG@' .IBB' A.' #A%MDI%D&%ANB@ ' DG@' #-CMIL@-M' GIL'
GIMD@%@L' DA' 3IO@' NIH&.&H' A'@-DC-@M' DA' DG@' HAC-D' A.' ;A3@'
.-A3' FG&HG ' KJ' -@N@ID@L' IHDM' A.' HA%DC3IHJ' I%L' L&MAK@?
L&@%H@ ' DG@J' GIL' @MD-I%P@L' DG@3M@B'@M' 3A-@' I%L' 3A-@'
M&%H@' DG@' ICDC3%' A.' ' *%' BI%PCIP@' HAC-D@ACM' I%L' -@

** E

MN@HD.CB J@D DAA .&-3 &% &DM DA%@ DA K@ 3&MDIO@% .A- ADG@- DGI% DG@ HA3NAM&D&A% A. <I%LABA G&3M@B. DG@J @TNBI&%@L DG@ 'I-&ACM HICM@M FG&HG GIL B@L DG@3 DA HGI%P@ DG@&- A-&P&%IB NBI% A. AN@-ID&A%M I%L DA L@'&ID@ MA .I- .-A3 DG@ B&%@A.HA%LCHD FG&HG DG@J GIL %AD A%BJ N-A3&M@L KCD N-A? NAM@L DA NC-MC@ *% QCMD&.&HID&A% A. DG@ @%D@-N-&V@ IPI&%MD >I-I DG@J I-PC@L DG@ -&PGD A. DG@ -@NCKB&H DA -@LCH@ DA MCKQ@HD&A% G@- AF% L@N@%L@%HJ R &% @THCM@ .A- @%PIP&%P &% DG@ M&@P@ A. #A%MDI%D&%ANB@ DG@J G@M&DID@L %AD DA NB@IL DG@ %IDC-@ A. DG@ AKQ@HD FG&HG DG@J GIL DA IDDI&% I%L DG@ HGI-IHD@- A. DG@ @%@3J FGA3 DG@J GIL DA ANNAM@ *D FIM L&..&HCBD DA DIO@ QCMD @TH@ND&A% DA DG@ @T@-H&M@ A. B@P&D&? 3ID@ ICDGA-&DJ &% MCNN-@MM&%P DG@ -@'ABD A. I% &%MAB@%D I%L DAA NAF@-.CB .&@.R I%L MC-@BJ 3CHG FIM DA K@ .A-P&'@% DA DGAM@ FGA GIL ID A%H@ NC%&MG@L DG@ IMMIMM&% C-DVCNGB@M I%L @-IL&HID@L DG@ G@-@MJ A. OGAD&CM G@ NAN@ &% D-CDG FIM &%HB&%@L DA K@ B@%&@%D DAFI-L DG@ "-@%HG FGA3 G@ -@PI-L@L IM DG@ LCN@M -IDG@- DGI% DG@ IHHA3NB&H@M A. DG@ -@NCKB&H *% DG@&- L&MAK@L&@%H@ G@ GIL .AC%L DG@ .A-3@- 3A-@ D-IHDIKB@R &% DG@&- -@N@%DI%H@ G@ DGACPGD DG@3 3A-@ M&%H@-@R I%L MA .I- IM DG@J F@-@ HA%H@-%@L G@ FIM HA%D@%D DA -@H@&'@ DG@ .A-@PA&%P @TNBI%ID&A% IM I% INABAPJ .A- NIMD D-I%MP-@MM&A%M I%L I NB@LP@ .A- .CDC-@ MCK3&MM&A% CD DG@ -@NCKB&H FIM B@MM @IM&BJ NI-LA%@L G@ HAC-D A. DG@ $ID&HI% GIL IBFIJM -@PI-L@L DG@ $@%@D&I%M F&DG I .@@B&%P A. MCMN&H&A% I%L L&MB&O@+R A. BID@ DG@J GIL -@%L@-@L DG@3? M@B'@M N@HCB&I-BJ AK%AT&ACM DA G@-R I%L *%%AH@%D DA FGA3 DG@ C%-CBJ I--API%H@ A. DG@ &MBI%L@-M I%L DG@ C%K@%L&%P .&-3%@MM A. <I%LABA F@-@ PIBB&%P &% DG@ BIMD L@P-@@ FACBL GI'@ PBILBJ &3NAM@L A% DG@3 MA3@ NC%&MG3@%D A- N@%IBDJ

FG&HG' @'@%' F@-@' &D' %AD' HA33@%MC-ID@' F&DG' DG@' G@&%ACM' %IDC-@'A.'DG@3'A..@%H@M'3&PGD'ID'B@IMD'M@-'@'DA'HA%MAB@'G&M' FAC%L@L' N-&L@' CD' ID' DG@' MI3@' D&3@' *%%AH@%D' FIM' %@&DG@-' &P%A-I%D' %A-' C%3&%L.CB' A.'DG@' MDCKKA-%' D@3N@-' A.'DG@' N@ANB@' +&DG' FGA3' G@' GIL'DA' L@IB' G@' FIM' IFI-@' DGID' DG@J' GIL' IB-@ILJ' M@D' ID' %ACPGD' DG@' ICDGA-&DJ' A.'DG@' NAN@M G&M' N-@L@H@MMA-M' G@' GIL'-@IMA%'DA' INN-@G@%L'DGID' DG@J' 3&PGD' F&DGACD' 3CHG' N-A'AHID&A%' L@.J' I%L'-@NCL&ID@' G&M' AF%'R I%L' G&M' :AB&%@MM' L@H&L@L'DGID' &D' FIM' K@DD@-' DA' -@H@&'@' DG@' HCBN-&DM' KIHO' F&DG&%' DG@' MIH-@L' NIB@' DGI%' DA' BAM@' DG@3' IBDAP@DG@-' A' I&%D' I&O' &D' 3&PGD' K@' MI&L' D-&C3NG@L' A'@-' I&%D' O@D@-

D&BB' A%' DG@' FGAB@' -@H@%D' @'@%DM' GIL' B@L' DG@' :ABJ' @@' DA' '&@F' DG@' NAB&HJ' A.'$@%&H@' &%' I' MA3@FGID' 3A-@' .I'AC-? IKB@' B&PGD' DGI%' K@.A-@R' DG@' -@MDA-@-M' A.'DG@' NINIB' CN-@? 3IHJ' GIL' -@HA%H&B@L' *%%AH@%D' &%' MA3@' MB&PGD' 3@IMC-@' DA' DG@' HA%SC@-A-M' A.'>I-I' I%L' #A%MDI%D&%ANB@' I%L' DG@' A%BJ' %AD&H@' FG&HG' G@' DAAO' A.'DG@' N-AD@MD' A.'DG@' "-@%HG' @HHB@M&? IMD&HM' IPI&%MD' DG@' @B@'ID&A%' A.' I' $@%@D&I%' MCK L@IHA%' DA' DG@' NID-&I-HGIB' HGI&-' FIM' DA' L@MNIDHG' I' HI-L&%IB' A.' DG@' A-L@-' A.' I&%D' &+MI%%I' DA' DG@' !IMD' F&DG' &%MD-CHD&A%M' DA' NIH&.J' DG@' 3IBHA%D@%DM' DA' HA%QC-@' DG@3' &%' DG@' %I3@' A.' DG@' NA%D&..' %AD' DA' D-ACKB@' KJ' I%J' &BB D&3@L' I%L' C%M@@3BJ' L&MM@%M&A%M' DGW' N@IH@' A.' DG@' ;A3I%' #GC-HG' I%L' DA' &3? N-@M' CNA%' DG@3' DGID' A%' 3IDC-@' -@.B@HD&A%' G&M' :AB&%@MM' MIF' %A' P-AC%L' .A-' &%D@-.@-&%P' &%' DG@' @B@HD&A%' A.' A33IMA' A-AM&%&

G@' #A%.@L@-ID@M' GI'&%P' HA3NB@D@L' DG@&-' 'I-&ACM' L&M? NAM&D&A%M' &%' DG@' HAC-M@' A.'DG@' MC33@-' MN@%D' DG@' ICDC3%' A.' ' &%' @THC&UM&A%M' @&DG@-' A.' I' .A-IP&%P' A-' @TNBA-IDA-J

HGI-IHD@-DA DG@ ILQIH@%D N-A '&%H@M CD DG@ F&%D@-%@H@M? MI-&BJ MCMN@%L@L IBB IHD&'@ I%L GAMD&B@ AN@-ID&A%M R I%L LC-&%P DG@KB@IO I%L&%HB@3@%D M@IMA%'DG@ ID&%M&%LCBP@L &% DG@ HA3.A-D I%L BCTC-&ACM @IM@ A. DG@ ! IMD@-% HIN&DIB FG&B@ DG@J IFI&D@L DG@-@&%.A-H@3@%DM I%L MCNNB&@M FG&HG DG@ @3N@-A-FIM B@L DA @TN@HD .-A3 DG@ BAJIBDJ A. 1-@@H@ I%L DG@ .-&@%LMG&N A. -3@%&I G@M@ -@&%.A-H@3@%DM 3&PGD &% GIB. I J@I- GI '@ NBIH@L IBLF&% &% I NAM&D&A% DA IHG&@'@ F&DGACD -&MO DG@ HA%SC@MDM FG&HG G@ GIL &% HA%D@3NBID&A% R KCD DG@ '@G@3@%D %IDC-@ A. DG@ @BP&I% N-&%H@ FIM &3NID&@%D A. MA BA%P I L@BIJ R I%L GI '&%P -@? H@&'@L I M3IBB HA%D&%P@%D .-A3 &HAB%@L&I'&% DG@ 3&LLB@ A.

I-HG G@ M@D ACD .-A3 DG@ HIN&DIB A% DG@ ,DG -@IHG? &%P L-&I%ANB@ A% DG@ DG A. DG@ 3A%DG G-@@ LIJM I.D@-FI-LM Z N-&B [G@ FIM QA&%@L KJ <I%LABA I%L IBB DG@ $@%@D&I% D-AANM FGAM@ I--&'IB LACKB@L G&M %C3K@-M FG&B@ &D INN@I-@L DA -@KCO@ G&M N-@H&N&DID&A% G@&-HA3K&%@L IDD@3ND DA DIO@ L-&I%ANB@ FG&HG ILG@-@L IDN-@M@%D DA DG@ NI-DJ A. G@ALA-@ IMHI-&M N-A'@L GAF@'@--C%I'I&B? &%P R DG@ BA.DJ -I3NI-DM I%L BI-P@ PI--&MA% A. DGID A%H@ &3N@-&IB H&DJ L@.&@L DG@&- CD3AMD N-AF@MM I%L MO&BB I%L I -@NA-D MAA% -@IHG@L DG@3 DGID 5AG% a&%P A. CBPI-&I GIL IB-@ILJ IL'I%H@L F&DG I NAF@-.CB I-3J F&DG&% DFA B@IPC@M A. DG@ NBIH@ DA -I&M@ DG@ M&@P@ I%L HCD AB DG@ K@? M&@P@-M G@.BJ&%P MSCIL-A%M A. B&PGD HI'I.-J FG&HG %AF K@PI% DA MF@@N DG@ NBI&% &% .-A%D A. L-&I%ANB@ '@-&.&@L DG&M MDI-DB&%P %@FM R I%L DG@ MHACDM K-ACPGD FA-L DA DG@ ID&%M DGID DG@M@ D-AANM .A-3@L NI-D A. I% ICT&B&I-J .A-H@ A. #A3I% MO&-3&MG@-M FGA3 DG@ CBPI-&I% N-&%H@ GIL

M@%D .A-FI-L DA -@HA%%A&D-@ DG@ HI3N A. DG@ #-CMIL@-M DA HCD A.. MD-IPPB@-M I%L DA @%L@I'AC- KJ N@DDJ IHDM A. I%%AJI%H@ I%L GAMD&B&DJ DA L-IF IBLF&% .-A3 G&M &%? D-@%HG@L NAM&D&A% G@ #A-II%M FGAM@ .A-H@ FIM @MD&? 3ID@L ID IKACD 3@% F@-@ 3AC%D@L A% .B@@D MD@@LM I%L I-3@L F&DG KAFM I%L BI%H@M FG&HG DG@J CM@L A% GA-M@KIHO F&DG IL3&-IKB@ @IM@ I%L L@TD@-&DJR I%L &% DG@&- 3@DGAL A.FI-.I-@ DG@J&3&DID@L F&DG IMDA%&MG&%P I%L .IDIB MCHH@MM DGAM@ N@HCB&I- DIHD&HM FG&HG &% I%H&@%D D&3@M GIL PI&%@L DG@ OI-DG&I% %ID&A% MCHG P-@ID I%L QCMD H@B@K-&DJ *% IDDIHO DG@J F@-@ .I- &%.@-&A- DA DG@ 1-@@O NGIBI%T A- DG@ "-@%HG KIDDIB&A% DG@&- @TH@BB@%H@ I%L GAN@ BIJ &% -@?D-@ID FG@% DG@ C%@--&%P MC-@%@MM A. DG@&- I&3 I%L DG@ 3I-'@BBACM -IN&L&DJ A. DG@&- @'ABCD&A%M @%IKB@L DG@3 DA &%.B&HD F&DGACD -@H@&'&%P &%QC-J I%L DA IHG&@'@ I '&HDA-J F&DGACD -&MO&%P I% @%PIP@3@%D

G@ INN-AIHG A. DG@ #A-II%M F&DG&% KAFMGAD A. DG@&- B&%@M DG@ N-AT&3&DJ A. DG@ 3I&% I-3J I%L DG@ AK?MD&%ID@ -@M&MDI%H@ A. DG@ L-&I%ANAB&DI%M @TH&D@L &% DG@ K-@IMDM A. DG@ ID&%M I NI&%.CB M@%MID&A% A. IBI-3 I%L I%T&@DJR DG@&- &3NID&@%H@ 3IL@ DG@3 BA%P .A- IHD&A% DG@&- F@IO%@MM LACKD.CB GAF DA IHDR I%L .A- M@'@-IB LIJM DG@J FIDHG@L DG@ 3A'@3@%DM A. DG@&- %@F .A@M F&DG .A-K@I-?I%H@ I%L MAB&H&DCL@ CD DG@ DIC%DM I%L &%MCBD&%P P@MDC-@M A. DGAM@ MI'IP@ GA-M@3@% .I&B@L %AD DA N-ALCH@ &% LC@ D&3@ DG@ @.&@HD FQ&&HG DG@ BIDD@- @TN@HD@L I%L L@M&-@L R @'@-J A%@ MAA% P-@F @IP@- DA HGIMD&M@ DG@ &%MAB@%H@ I%L DA HG@HO DG@ &%-AILM A. DG@ KI-KI-&I%MR @'@% DG@ LAP@ INN@I-@L DA K@ &% .I'AC- A. DG@ N-ANAM&D&A% IM F@BB IM &%

&P%A-I%H@‘ A.‘ DG@‘ -&MO ‘ FG&HG‘ FACBL‘ IDD@%L‘ &DM‘ ILAND&A%‘R I%L‘ A%‘ DG@‘ DG‘ N-&B‘ &D‘ FIM‘ L@H&L@L‘ DGID‘ FG&B@‘ <I%LABA‘ DG@‘ I-MGIB‘ A.‘ #GI3NIP%@‘ I%L‘ I%IMM@M‘ L@‘ BMB@‘ -@? 3I&%@L‘ F&DG‘ I‘ -@M@% @‘ A.‘ D-AANM‘ &%‘ HGI-P@‘ A.‘ DG@‘ HI3N‘ I%L‘ M&@P@ FA-OM‘ DG@‘ -@MD‘ MGACBL‘ N-AH@@L‘ F&DGH7&D‘ .I-DG@-‘ L@? BIJ‘ DA‘ 3@@D‘ I%L‘ -@NCBM@‘ DG@‘ @%@3J

G@‘ #A3I%M‘ -@.CM@L‘ %AD‘ DG@‘ HGIBB@%P@‘ ‘ J@D‘ DG@J‘ L@? HB&%@L‘ DA‘ FI&D‘ DG@‘ A%M@D‘ A.‘ DG@‘ ID&%M‘ %‘ DG@‘ HA%D-I-J‘ DG@‘ IL'I%H@‘ A.‘ DG@‘ BIDD@-‘ M@@3@L‘ DA‘ .A-3‘ DG@‘ M&P%IB‘ .A-‘ I‘ P@%@-IB‘ -@D-@ID‘R I%L‘ IBLF&%‘ L@H@&'@L‘ KJ‘ DG@‘ I-D.CB‘ I%L‘ HCMDA3I-J‘ .@&%D‘ FIM‘ D@3ND@L‘ DA‘ @%PIP@‘ &%‘ I‘ -@HOB@MM‘ NC-? MC&D‘ G@‘ KI-KI-&I%M‘ .B@L‘ DG@‘ #-CMIL@-M‘ .ABBAF@L‘ HBAM@BJ‘ &%‘ DG@&-‘ D-IHO‘ .CBB‘ DFA‘ B@IPC@M‘R I%L‘ %@&DG@-‘ L-@F‘ -@&%‘ C%D&B‘ DG@J‘ HI3@‘ F&DG&%‘ I‘ MGA-D‘ L&MDI%H@‘ A.‘ DG@‘ MNAD‘ FG@-@‘ 5AG%‘ GIL‘ L&MNAM@L‘ G&M‘ .A-H@M‘ &%‘ A-L@-‘ A.‘ KIDDB@‘ G@‘ #A? 3I%M‘ DG@%‘ FG@@B@L‘ -AC%L‘ F&DG‘ DG@‘ -IN&L&DJ‘ A.‘ B&PGD%&%P‘ I%L‘ DC-%@L‘ MGA-D‘ A%‘ DG@&-‘ NC-MC@-M‘ FGA‘ .AC%L‘ DA‘ DG@&-‘ CDD@-‘ L&M3IJ‘ DGID‘ DG@J‘ GIL‘ K@@%‘ HA3NB@D@BJ‘ HICPGD‘ &%‘ I‘ M%I-@‘ B-@ILJ‘ IM‘ DG@J‘ GIL‘ &3IP&%@L‘ A%‘ DG@‘ NA&%D‘ A.‘ -@IN&%P‘ DG@‘ .-C&D‘ A.‘ DG@&-‘ @T@-D&A%M‘ DG@‘ ID&%M‘ F@-@‘ AN? N-@MM@L‘ KJ‘ I‘ GAMD‘R DG@‘ FGAB@‘ CBPI-&I%‘ I-3J‘ FIM‘ CNA%‘ DG@3‘R I%L‘ DG@J‘ GIL‘ A%BJ‘ DA‘ HGAAM@‘ K@DF@@%‘ CDD@-‘ I%%&? G&BID&A%‘ I%L‘ I‘ N-@H&N&DID@‘ -@D-@ID‘ G@J‘ N-@.@--@L‘ I%L‘ ILAND@L‘ DG@‘ BIDD@-‘ IBD@-%ID&'@

%‘ DG@‘ 3@I%FG&B@‘ <I%LABA‘ F&DG‘ $&BB@GI-LAC&%‘ I%L‘ <@ MB@‘ GIL‘ -@3I&%@L‘ F&DG&%‘ DG@‘ &%D-@%HG3@%DM‘ I%T&ACMBJ‘ @TN@HD&%P‘ DG@‘ -@DC-%‘ A.‘ DG@&-‘ HA3-IL@M‘R I%L‘ DG@‘ ABL‘ 3I%‘ FIM‘ &%‘ G&M‘ D@%D‘ MN@HCBID&%P‘ A%‘ DG@‘ .ID@‘ A.‘ DG@‘ IL'@%DC-@-M‘ FG@%‘ DG@‘ 3I-MGIB‘ FGA‘ FIM‘ DG@‘ .&-MD‘ IM‘ &D‘ GINN@%@L‘ DA‘ B@I-%‘ .-A3‘ DG@‘ .A-@3AMD‘ MD-IPPB@-M‘ DG@‘ C%F@BHA3@‘ D&L&%PM

K-ACPGD FA-L DA G&M @-@%&DJ DGID DG@ I-3J FIM DADIBBJ -ACD@L DGID DG@ @3N@-A- FIM DIO@% N-&MA%@- I%L DGID DG@ #AC%D A. BA&M GIL .IBB@% &% DG@ MD-CPPB@ G@ I%%AC%H@? 3@%D FIM MGAHO&%P &% DG@ BIMD L@P-@@ J@D &D FIM HB@I- DGID DG@ LI%PK- FIM MD&BB &33&%@%D GAM@ FGA GIL 3I? %IP@L DA @MHIN@ .-A3 DG@ GI%LM A.DG@ CBPI-&I%M I%L DA -@PI&% DG@ HI3N HA%HC--@L &% I-@NA-D DGID DG@ O&%P I%L G&M D-AANM F@-@ IL'I%H&%P KJ .A-H@L 3I-HG@M A% L-&I %ANB@R I%L DG@ ADG@-HG&@.M QA&%@L F&DG <I%LABA &% DG&%O? &%P DGID IBB GAN@ A. -@LCH&%P DGID NBIH@ DA MCK3&MM&A% A- A. HG@HO&%P DG@ N-AP-@MM A.5AG% K@&%P %AF ID I% @%L DG@ A%BJ HAC-M@ FB&&HG BIJ AN@% DA DG@3 FIM DA -@3I&% C%L@- I-3M D&BB LCMO I%L DG@% DA -@D-IH@ DG@&- MD@NM F&DG IBB N-IHD&HIKB@ GIMD@ I%L M@H-@HJ DA #A%MDI%D&%ANB@

G&M KABL NBI% FIM @T@HCD@L &% DG@ .IH@ A. I DGACMI%L AKMDIHB@M I%L LI%P@-MR I%L I.D@- I -IN&L I%L DA&BMA3@ QAC-%@J A. .AC- LIJM DG@ LAP@ I%L G&M HA3NI%&A%M -@IHG@L DG@&- L@MD&%ID&A% CDD@-BJ @TGICMD@L KJ .ID&PC@ G@&- L@? Q@HD@L INN@I-I%H@ I%L DG@ MIL &%D@BB&P@%H@ A. FG&HG DG@J F@-@ DG@ K@I-@-M N-ALCH@L I P@%@-IB I%L 3&T@L .@@B&%P A. D@--A- P-&@. I%L IMDA%&MG3@%D G@J 3&PGD DG@% GAC-BJ @TN@HD DG@ I--&'IB A. DG@ CBPI-&I%MR I%L MA .I- .-A3 K@&%P &% I NAM&D&A% DA G&%L@- A- ANNAM@ DG@&- N-AP-@MM DG@-@ M@@3@L DA K@ %A NAMM&K&B&DJ @'@% A. KI--&%P DG@&- @%D-J &%DA #A%MDI%D&%ANB@ U A %@FM HI3@ A. IBLF&% G@ #AC%D A. BA&M FIM L@IL G@ .BAF@- A. "-@%HG I%L "B@3&MG HG&'IB-J GIL N@-&MG@L &% DGID D@--&KB@ -@D-@ID &DG I '@-J .@F @TH@ND&A%M DG@ %@&PGKAC-&%P H&D&@M F@-@ AHHCN&@L KJ DG@ MCNNA-D@-M A. IMHI-&M G@ FGAB@ MC-? -AC%L&%P HAC%D-J FIM &%.@MD@L KJ DG@ #A3I%M %L

&D' FIM' F&DG' L@@N' HA%H@-%' DGID' DG@' ID&%M' B@I-%D' DGID' &%'
A%@' A.' DG@&-' @THC-M&A%M' DGAM@' &%D-@N&L' I%L' &%L@.ID&P&&KB@'
GA-M@3@%' GIL' &%D@-H@ND@L' I%L' L@MD-AJ@L' DA' I' 3I%' DG@'
-3@%&I%' HA%D&%P@%D' A%' FGAM@'MCHHAC-' I%L' .&L@B&DJ' IBL?
F&%' HAC%D@L' I%L' -@B&@L' MA' 3CHG' G@&-' %C3K@-M' F@-@'
MHI%DJ' J@D' DG@&-' N-A'&M&A%M' F@-@' MHI-H@R' I%L' IBDGACPG'
DG@&-'@TN@HDID&A%M' F@-@'%AD'C%N-A3&M&%P'DG@&-' I''I&BIKB@'-@?
MAC-H@M' F@-@'MB@%L@-'&%'DG@'@TD-@3@R' FG&B@'M@''@-IB' 3A%DGM'
3CMD' @BINM@' K@.A-@' DG@&-' INN@IBM' DA' DG@' HAC-DM' A.' "-I%H@'
I%L' DG@' $ID&HI%' .A-' D@3NA-IB' I%L' MN&-&DCIB' I&L' IPI&%MD' DG@'
CBPI-&I%M' HACBL' K@' G@I-L' I%L' I%MF@-@L

*D' 3&PGD' M@@3' L&..&HCBD' DA' ILL' I%JDG&%P' DA' DG&M' L&M3IB'
HIDIBAPC@'A.'@''&BM' I%L'3&M.A-DC%@M' @D'&%'.IHD'DG@'M@''@-@MD'
KBAF' FIM'&%'MDA-@' %L'&%'DG@'GAC-'A.'DG@&-'@TD-@3@'%@@L'
G&M' HABB@IPC@M' F@-@' LAA3@L' DA' BAM@' DG@' 3I%' FGA' GIL' K@@%'
HG&@.BJ' &%MD-C3@%DIB' &%' K-&%P&%P' DG@' @%D@-N-&M@' MA' .I-' DA' I'
MCHH@MM.CB' D@-3&%ID&A%' I%L' FGA3' &%' MN&D@' A.' G&M' .@@KB@'
M&PGD' I%L' P-AF&%P' &%.&-3&D&@M' DG@J' MD&BB' L@@3@L' K@MD' IKB@'
DA' @TD-&HID@' DG@3' .-A3' DG@&-' N-@M@%D' L&..&HCBDJ' %' DG@'
DG' A.'5C%@' I.D@-' I' MGA-D' &BB%@MM' DG@' &BBCMD-&ACM' <I%LABA'
K-@IDG@L' G&M' BIMD' ID' DG@' NIBIH@' A.' CHAB@A%R' G&M' HA3NBI&%D'
FIM' LJM@%D@-J' IPP-I''ID@L' C%LACKD@LBJ' KJ' DG@' N-@MMC-@'
A.'@T&MD&%P' H&-HC3MDI%H@M' I%L' KJ' DG@' DGACPGD' MA' 3A-D&?
.J&%P' DA' A%@' A.' G&M' L&MNAM&D&A%' DG ID' I%' C%L@-DIO&%P' FG&HG'
GIL' HAMD' G&3' I%L' DG@' -@NCKB&H' MA' 3CHG' BIKAC-' I%L' I%T&@DJ'
I%L' .-A3' FG&HG' DG@J' GIL' I%D&H&NID@L' DG@' 3AMD' .I''AC-IKB@'
-@MCBDM' FIM' L@MD&%@L' &%' IBB' INN@I-I%H@' ID' B@IMD' DA' @%L' MA'
&%PBA-&ACMBJ' <I%LABA' GIL' IDDI&%@L' DG@' NID-&I-HGIB' IP@'
A.' %&%@DJ M@''@%R' I%L' &.' F@' &%HBCL@' DG@' HI3NI&P%' &%' DG@'
!IMD' G@' GIL' -@&P%@L' &%' $@%&H@' DG&-D@@%' J@I-M' G@' -@3I&%M

A.' DG@' LAP@' F@-@' &%D@--@L' F&DG' 3A-@' DGI%' &3N@-&IB' NA3N' &%' DG@' HGC-HG' A.' I&%D' ANG&I'R I%L' .@F' A.' DGAM@' FGA' .AB? BAF@L' G&M' K&@-' -@.CM@L' I' D@I-' DA' DG@' P-I'@' A.' A%@' MA' I3&? IKB@' MA' P-@ID' I%L' MA' &BBCMD-&ACM' G@' IMG@M' A.' <I%LABA' DAP@DG@-' F&DG' GD@' I-3AC-' FG&HG' FIM' BI&L' &%' DG@' MI3@' 'ICBD' F@-@' MC..@-@L' DA' -@3I&%' &%DIHD' I%L' &%'&ABID@' D&BB' DG@' 3&L? LB@' A.' DG@' .&.D@@%DG' H@%DC-J' DG@' MI%HD&DJ' A.' DG@&-' -@NAM@' FIM' A%BJ' L&MDC-K@L' KJ' DG@' HA%'@-M&A%' A.' I&%D' ANG&I' &%DA' I' 3AMSC@' LC-&%PU DG@' -@&P%' A.' IGA3@D' ** ' CD' 1@%D&B&' @BB&%&' I' $@%@D&I%' NI&%D@-' FGA' FIM' G@BL' ID' DGID' D&3@' &%' G&PG' HA%M&L@-ID&A%' ID' DG@' OA-D@' FIM' MA' .A-DC%ID@' IM' DA' AKDI&%' .-A3' G&M' ICPCMD' NID-A%' DG@' G@B3@D' DG@' HC&-IMM' I%L' DG@' MFA-L' FG&HG' DG@' LAP@' A.' $@%&H@' GIL' FA-%' ID' DG@' DIO&%P' A.' #A%MDI%D&%ANB@' &%' R' I%L' DG@' .I'AC-&D@' A.' DG@' CBDI%' .@BD' I' N-ACL' MID&M.IHD&A%' &%' N-@M@%D&%P' DA' DG@' &[I%LAB&' A.' I%' CHI' DG@M@' N-@H&ACM' 3@3A-&IBM' A.' DG@&-' P-@ID' I%H@MDA-

<I%LABA' &M' MI&L' DA' GI'@' K@@%' A.' I' BA.DJ' MDIDC-@' I%L' I' -CLLJ' HA3NB@T&A%R G&M' .@IDC-@M' HIMD' &%' I' BI-P@' I%L' .&%@' 3ACBL' F@-@' GI%LMA3@' I%L'-@PCBI-R G&M' @J@M' I-@' L@MH-&K@L' IM' KBC@R I%L' &.' F@' 3&PGD' QCLP@' .-A3' DG@' NA-D-I&DM' FG&HG' GI'@' HA3@' LAF%' DA' CM' F@' MGACBL' MIJ' DGID' &%' @I-BJ' B&.@' G&M' BAAO' GIL' K@@%' O@@%' G&M' @TN-@MM&A%' A.' HAC%D@%I%H@' M&%PC? BI-BJ' %AKB@' I%L' N-@NAMM@MM&%P' @D' &%' G&M' L@HB&%&%P' J@I-M' FG@%' G&M' M&PGD' FIM' L&3' I%L' G&M' K-AF' .C--AF@L' F&DG' F-&%OB@M' KA-@' DG@' &3N-@MM' A.' IP@' G@' MD&BB' N-@M@-'@L' I' 3A-@' DGI%' A-L&%I-J' MGI-@' A.' G&M' JACDG.CB' '&PAC-' I%L' HA3@B&%@MM' I%L' DG@-@' MDLB' -@3I&%@L' &%' DG@' 3KIMMILA-' A.' &H&BJ' I%L' DG@' #A%SC@-A-' A.' #A%MDI%D&%ANB@' MA3@' .I&%D' D-IH@M' A.' FGID' <I%LABA' GIL' A%H@' K@@%' : &M' I%D@H@L@%DM' I-@' &%L@@L

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AKMHC-@ I%L IBB FGA GABL CN DA DG@&- '@%@-ID&A% 3@% A.P-@ID I%L %AKB@ %IDC-@M F&BB QA&% &% I -@P-@D DGID A.
A%@ FGA M@@3M DA GI'@ K@@% MA G&PGBJ @MD@@3@L KJ G&M HAC%D-J3@% I%L HA%D@3NA-I-&@M F@HI% IMH@-DI&%%ADG&%P D&QB G@ GIL IB-@ILJ IB3AMD NIMM@L DG@ IBBKDD@L N@-&AL A. GC3I% B&.@ G@ P@%&CM I%L -@M@I-HG@M A.DG@ 3AL@-%M GI'@ I..A-L@L CM I DAB@-IKBJ HB@I- &%M&PGD &%DA DG@ 3&PGDJ L@@LM I%L PBA-&ACM @TNBA&DM A.DG@ 3@3K@-M A.DG@ "&.DG #-CMIL@R KCD &.MA3@ IHHAC%D GIL -@IHG@L AC- D&3@ A. DG@ 3I% FGA IHD@L DG@ N-&%H&NIB NI-D &%DGAM@ 3@3A-IKB@ MH@%@M FG&HG N-@H@L@L I%L .ABBAF@L DG@ .IBB A.#A%MDI%? D&%ANB@ I%L A.DG@ AN&%&A% FG&HG FIM @%D@-DI&%@L A.G&3 KJ G&M .@BBAF H&D&V@%M FG&B@ G@ FIM J@D I JAC%P 3I% F@ 3&PGD N-&V@ DG@3 IB3AMD IM G&PGBJ IM DGAM@ 'IBCIKB@ -@? HA-LM FG&HG GI'@ K@@% K@SC@IDG@L DA CM KJ DG@ N@% A. & @GI-LAC&% I%L DG@ N@%H&B A.OICB $@-A%@M@

*D FIM DG@ .A-DC%@ A. <I%LABA DA L&@ ID I QC%HDC-@ FG@% DG@ NAM&D&A% A.DG@ ID&%M FIM 3AMD N@-&BACM I%L H-&D&HIB G@ CBPI-&I%M F@-@ ID DG@ '@-J PID@M A.#A%? MDI%D&%ANB@ 3@-@BJ IM &D M@@3@L IFI&D&%P DG@ M&P%IB .A- AN@%&%P DG@ IMMICBDR DG@ #-CMIL@-M F@-@ F&DGACD .A-H@M F&DGACD MCNNB&@M IB3AMD F&DGACD GAN@Q I%L &% DG@&- L@? MNA%L@%HJ L@H&L&%P KJ I%D&H&NID&A% DG@ &MMC@ A.DG@ MD-CP? PB@ FG&HG INN@I-@L DA &3N@%L DG@J IB-@ILJ L-@IL@L DG@ '@%P@I%H@ A.DG@ HA%SC@-A- CD 5AG% A% G&M NI-D FIM GINN&BJ &P%A-I%D A.DG@&- F@IO%@MM I%L ID DG@ MI3@

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D&3@' L&MD-CMD.CB' A.' G&M' AF ' MD-@%PDG ' %' DG@' INN-AIHG' A.' I' FI-3@-' MH^&MA%' DG@' #A3I%M' GIL' B@.D' DG@' -AJIB' HI3N' I%L' -@D&-@L' %A-DGFI-L ' C%IKB@' DA' F&DGMDI%L' DG@' ANN-@M? M&'@' G@ID' A.' I' 1-@H&I%' MC33@-R' I%L' DG@' 3A%I-HG ' GI '&%P' DGCM' BAMD' DG&M' 'IBCIKB@' HA%D&%P@%D ' FG&HG' .A-3@L '&%' D-CDG ' DG@' .BAF@-' A.' DG@' CBPI-&I%' I-3J ' L@D@-3&%@L' DA' IKI%? LA%' DG@' M&@P@' A.' #A%MDI%D&%ANB@ ' I%L' DA' DC-%' G&M' I-3M' IPI&%MD' DG@' a&%P' A.' G@MMIBA%&HI ' FGAM@' LA3&%&A%M' 3&PGD' M@@3' DA' G&M' @J@' %AD' A%BJ' @IM&@-' KCD' 3A-@' FA-DGJ ' A.' HA%SC@MD

G@' .A-@PA&%P' %I--ID&'@' 3IJ' K@' D-@ID@L' IM' I' -@'&@F' A.' DG@' .I3ACM' HA%.@L@-IHJ' P@%@-IBBJ' O%AF%' IM' DG@' "&.DG' #-CMIL@ +' G@'N@-CMIB' A.'&D' 3IJ 'N@-GINM ' MCPP@MD' DG@'&%? SC&-J ' FGID' K@%@.&DM' IHH-C@L' DA' !C-AN@' I%L' #G-&MD@%LA3' .-A3' DG@' MIH-&.&H@' A.' MA' 3CHG' D&3@ ' KBAAL ' I%L' D-@IMC-@'^ I%J ' FGA' GI '@' C%L@-DIO@%' DA' @TI3&%@' DG&M' &3NA-DI%D' I%L' &%D@-@MD&%P' MCKQ@HD' F&DG' I' H-&D&HIB' @J@' GI '@' -@HA-L@L' I%' AN&%&A% ' DGID' DG@' #-CMIL@M ' @MN@H&IBBJ' DG@' .&.DG ' BI-P@BJ' D@%L@L' DA' &%MN&-@' DG@' BA'@' A.' @%D@-N-&M@ ' DA' -@O&%LB@' DG@' MN&-&D' A.' HA33@-H@ ' I%L' DA' @%HAC-IP@' DG@' -@'&' IB' A.' I-D' I%L' B@I-%&%P +' @' G@M&DID@' DA' N-AH@@L' DA' DGID' B@%PDG ' *D' MGACBL' K@' -@HABB@HD@L ' F@' DG&%O ' DGID' DG@' HAC%D-&@M ' FG&HG' DG@' 0 P-&3M' K@PI%' DA' '&M&D' &%' DG@' DF@B.DG' H@%DC-J ' GIL' K@@%' D-I'@-M@L' I%L' @TNBA-@L' J@I-M ' A-' @'@%' IP@M ' K@.A-@ ' KJ' DG@' 3@3K@-M' A.' DG@' @I-BJ' *DIB&I%' -@NCKB&HMR

DGAM@ MG-@FL I%L IL'@%DC-AC) D-IL@-M DGACPG DG@J GIL %A PC&L@ GIL 3I%J .ABBAF@-MR I%L F@ BAAO CNA%&D IM I SC@MD&A%IKB@ NA&%D FG@DG@- DG@ "-I%OM I%L DG@ 1@-3I%M F@-@ 3A-@ HINIKB@ A. C%L@-MDI%L&%P I%L -@NA-D&%P FGID DG@J GIL M@@%& DGAM@ L&MDI%D -@P&A%M DGI% DG@ H&D&V@%M A. $@%&H@ I%L 3IB.& %L F@ .@I- 3CHG DGID DA FGID@'@- @TD@%D DG@ @TN@L&D&A%M DA DG@ :ABJ I%L 3IJ GI'@ N-A3AD@L !C-AN@I% H&'&B&VID&A% DG@ IL'I%DIP@ FIM IB3AMD ACDF@&PG@L KJ DG@ FI%DA% I%L &--@NI-IKB@ &%QC-J FG&HG DG@ #-CMIL@-M &%.B&HD@L A% B&D@-IDC-@ I%L I-D IM F@BB IM KJ DG@ L@@LM A. H-C@BDJ I%L LI-O%@MM FG&HG DG@ HA%HC--@%D D@MD&3A%J A. G&MDA-&I%M GIM IMH-&K@L DA DG@ I-3&@M A. IBLF&% I%L <@ AC&BBA% A. ;&HGI-L #qC- L@ &A% A. "-@L@-&H I-KI-AMMI I%L BIMDBJ A. DGID I-3J FG&HG FIM @%PIP@L &% DG@ M&@P@ A. #A%MDI%D&%ANB@ D DG@ MI3@ D&3@ F@ HI%%AD KCD IL3&D DGID DG@ #-CMIL@M @T@-H&M@L I K@%@.&H&IB &%.BC@%H@ A% HA33@-H@ I%L %I'&PI? D&A%R DGID DG@J GIL DG@ @..@HD A. -@%L@-&%P DG@ &%D@-HAC-M@ K@DF@@% %ID&A%M 3A-@ P@%@-IB I%L -@PCBI- A. .IH&B&DID&%P DG@ &%D@-HGI%P@ A. HA33AL&D&@M I%L A. &%H-@IM&%P &% MA3@ 3@IMC-@ DG@ L@3I%L .A- I-D&HB@M A. BCTC-J I%L CM@ DG@-@ HI% IBMA F@ HA%H@&'@ K@ B&DDB@ LACKD C- A%BJ -@P-@D DG@% 3CMD K@ DGID MCHG 3@I%M MGACBL GI'@ K@@% @3? NBAJ@L &% HA%D-&KCD&%P DA DG@ IDDI&%3@%D A. @%LM &% DG@3? M@B'@M MA HB@I-BJ I%L @MM@%D&IBBJ L@M&-IKB@ CD DG@ FIJM A. 0-A'&L@%H@ I-@ G&LL@% .-A3 AC- '&@FR &DM L&MN@%MID&A% &M F&M@ I%L &%MH-CDIKB@R I%L &D 3&PGD K@ .A- DG@ CBD&3ID@ &%D@-@MD A. 3I%O&%L DGID !C-AN@ MGACBL HA%D&%C@ .A- I N@-&AL A. I H@%DC-J I%L I GIB. DA NAC- .A-DG G@-K@MD I%L

%AKB@MD' KBAAL' A%' DG@' NBI&%M' A.' M&I ' I%L' DGID' DG@' HG&'IB-J'
A.' "-I%H@' I%L' !%PBI%L' MGACBL' N@-&MG' KJ' DGACMI%LM '
B@I '&%P' DG@&-' KA%@M' DA' FG&D@%' &%' DG@' 'IBB@J' A.' DG@' 5A-LI% '
A-' &%' DG@' N-@H&%HDM' A.' AC%D GIKA-

@' GI '@' MN&&O@%' A.' DG@' &%D-ALCHD&A%' A.' 3&BB@D' &%DA' *DIBJ'
KJ' DG@' I-SC&M' A.' A%D.@--IDA ' @' MGACBL' IBMA' GI '@'
3@%D&A%@L ' DGID' DG@' .AC-' K-A%V@' GA-M@M ' FG&HG' F@-@' I.D@-?
FI-LM' O%AF%' IM' DG@' : A-M@M' A.' I&%D' I-O ' F@-@' &%HBCL@L'
KJ' DG@' $@%@D&I%M' &%' DG@&-' MGI-@' A.' DG@' MNA&BM' A.' #A%MDI%?
D&%ANB@ ' I%L' D-I%MNA-D@L' &%' ' DA' ; &IBDA ' FG@-@' DG@J'
-@3I&%@L' D&BB' DG@' BIMD' LIJM' A.' DG@' -@NCKB&H ' *%' / 8 ' IM'
&M' F@BB' O%AF% ' DG@J' F@-@' -@3A '@L' KJ' CA%INI-D@' DA' OI-&MR'
KCD' DG@' KIDDB@' A.' ID@-BAA' GIL' DG@' @..@HD' A.' -@MDA-&%P' DG@3'
DA' DG@&-' .A-3@-' NAM&D&A%' A%' DG@' O&IVV@DD I ' FG@-@' DG@J' MD&BB'
MDI%L ' #A%H@-%&%P' DG@' A-&P&%' A.' DG@M@' -A%V@M ' DG@-@' GIM'
IBFIJM' K@@%' 3CHG' L&..@-@%H@' A.' AN&%&A% ' 'I-&ACM' F-&D@-M'
GI '@' IMM&P%@L' DG@3' DA' 'I-&ACM' MHGAABM' A.' L@M&P%R' I%L' DG@'
A%BJ' DFA' NA&%DM ' A%' FG&HG' 3AMD' M@@3' DA' HA%HC-ÚI-@ ' &%'
DG@' .&-MD' NBIH@ ' DG@&-' P-@ID' I%D&SC&DJ ' I%L' M@HA%LBJ ' DG@&-'
D-I%M.@-' &%' DG@' .AC-DG' H@%DC-J ' KJ' A-L@-' A.' #A%MDI%D&%@'
DG@' 1-@ID ' .-A3' H&A' DA' JVI%D&C3 ' @' MGIBB' DIO@' I%?
ADG@-' ANNA-DC%&DJ' A.' LF@BB&%P' ID' B@%PDG' A%' DG@&-' .@IDC-@M'
I%L' 3@-&DM

A-' FIM' DG@' -@NCKB&H ' &%' ADG@-' -@MN@HDM ' I' BAM@-' KJ' DG@'
-@H@%D' HGI%P@ ' "A-' MG@' IHSC&-@L' DG@-@KJ' PBA-J' I%L' -@?
%AF% ' NANCBID&A%' I%L' D@--&DA-JR' &D' PI '@' MHAN@' DA' G@-'
HA33@-H@ ' @TD@%D' DA' G@-' LA3&%&A%' R I%L' DG@' .IBB' A.' #A%?
MDI%D&%ANB@' 3&PGD' K@' MI&L' DA' GI '@' NBI%D@L' DG@' MDI%LI-L' A.'
I&%D' I-O' A%' IB3AMD' @'@-J' 3I-&D&3@' H&DJ' I%L' M@INA-D

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I%L' DG@' &%D@BB&P@%H@' A.' G&M' L@IDG' FG&HG' -@IHG@L' $@%&H@'
DAFI-L' DG@' 3&LLB@' A.' 5CBJ' ' DGACPG' ID' G&M' IL'I%H@L'
N@-&AL' A.' B&.@' &D' FIM' %AD' HIBHCBID@L' DA' @TH&D@' MC-N-&M@' %I?
DC-IBBJ' L&..CM@L' DG-ACPG' DG@' H&DJ' I' N-A.AC%L' M@%MID&A%' A.

‘ = [‘ 0"2 A1V A3 B"$ ‘ = >

MA--AF‘ I%L‘ -@P-@D‘ G@‘ -@NCKB&H‘ FIM‘ %AD‘ &%M@%M&KB@‘ A.‘ DG@‘ HBI&3‘ FG&HG‘ DGID‘ D-CBJ‘ P-@ID‘ 3I%‘ GIL‘ IHSC&-@L‘ A%‘ G@-‘ P-ID&DCL@‘ I%L‘ BA'@R G&M‘ M@-'&H@M‘ F@-@‘ -@SC&D@L‘ &%‘ G&M‘ NAMD@-&DJ‘ "A.‘ G&M‘ @BL@MD‘ MA%‘ ;@%&@-A‘ DG@‘ BID@‘ '&H@ LAP@‘ FGA‘ MCKM@SC@%DBJ‘ K@HI3@‘ A%@‘ A.‘ DG@‘ P-@ID@MD‘ %I'IB‘ HA3? 3I%L@-M‘ A.‘ G&M‘ LIJ‘ FIM‘ %AF‘ 3IL@‘ F&DG‘ ;CPP&@-A‘ O-@-II‘ -&%A‘ QA&%D IL3&-IB‘ A.‘ $@%&H@R I%L‘ MA3@‘ D&3@‘ I.D@-FI-LM‘ I‘ L@H-@@‘ NIMM@L‘ DG@‘ @P&MBIDC-@‘ P-I%D&%P‘ I‘ MN@H&IB‘ @T@3N? D&A%‘ .-A3‘ DG@‘ NIJ3@%D‘ A.‘ NCKB&H‘ DIT@M‘ I%L‘ &3NAMDM‘ A.‘ @'@-J‘ O&%L‘ DA‘ ;@%&@-A‘ <I%LABA‘ A.‘ I%‘ CHI‘ I%L‘ G&M‘ G@&-M‘ 3IB@‘ .A-‘ @'@-‘ G@‘ HI-@@-‘ A.‘ --&PAUM‘ JAC%P@-‘ MA%‘ "I%D&%A‘ &M‘ 3A-@‘ AKMHC-@R DGID‘ G@‘ DAAO‘ GABJ‘ A-L@-M‘ &M‘ DAB@-IKBJ‘ HB@I-‘ DGID‘ G@‘ AKDI&%@L‘ G&PG‘ N-@.@-3@%DM‘ &%‘ DG@‘ #GC-HG‘ @3&%@%DBJ‘ N-AKIKB@R KC‘ DG@‘ MDID@3@%D‘ A.‘ DG@‘ $@%@D&I%‘ F-&D@-M‘ DGID‘ G@‘ MCHH@@L@L‘ DA‘ DG@‘ NID-&I-HGIB‘ HGI&-‘ A%‘ DG@‘ L@3&M@‘ A.‘ A33IMA‘ A-AM&%&‘ &M‘ F@‘ .@I-‘ F&DGAC‘ MC..&H&@%D‘ .AC%LID&A% ‘ @‘ MGACBL‘ IBMA‘ 3@%D&A%‘ DGID‘ KJ‘ G@-‘ C%&A%‘ F&DG‘ D@NG@%‘ @PINI%CM‘ &%‘ DG@‘ J@I-‘ ,‘ ‘ <I%LABA‘ I‘ %&@H@‘ A.‘ DG@‘ LAP@‘ GIL‘ K@HA3@‘ _C@@%‘ A.‘ ;IMH&I e‘ CD‘ DG@‘ $@%@D&I%M‘ .@BD‘ DGID‘ DG@‘ @T? NBA&DM‘ A.‘ DGAM@‘ K-I'@‘ I%L‘ &BBCMD-&ACM‘ 3@%‘ FGA‘ GIL‘ HA%? LCHD@L‘ MA‘ P-@ID‘ I%L‘ I-LCACM‘ I%‘ @%D@-N-&M@‘ DA‘ I‘ MCHH@MM.CB‘ I%L‘ @'@%‘ PBA-&ACM‘ D@-3&%ID&A%‘ MGACBL‘ B@I'@‘ MA3@‘ L@@N‘ I%L‘ @%L3&%P‘ D-IH@M‘ K@G&%L‘ DG@3R DG@J‘ .@BD‘ DGID‘ DG@‘ MDA-J‘ A.‘ DG@‘ "&.DG‘ #-CMIL@‘ FG&HG‘ -@LAC%L@L‘ MA‘ 3CHG‘ DA‘ DG@‘ PBA-J

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H@-DI&%BJ AN@-ID@L A% DG@ FGAB@ 3 AMD K@%@.&H&IBBJ A-@'@% DA MCMN@%L &D IM I%@TH@ND&A%IB 3@IMC-@ FACBL %A LACKD GI'@ K@@% G&PGBJ &3NAB&D&H G@ BID@ LAP@UM MA% FIM HA%? M@SC@%DBJ AKB&P@L DA P&'@ FIJ DA I HI%L&LID@ FGAM@ HBI&3 DGACPG A. MB&PB.D@- .AC%LID&A% N@-GINM FIM- A. ABL@- LID@ G@ MC..-IP@M A. DG@ .A-DJ @B@HDA-M A. FGA3 ; @%&@-A FIM A%@ .@BB A% O&@D-A >&I%& #AC%D A. -KA DG@ A%BJ MA% A. DG@ .A-3@- <AP@ @KIMD&I%A I%L ID DG&M N@-&AL A%@ A. DG@ F@IBDG&@MD %AKB@3@% &%' $@%&H@ G@ MCHH@MM&A% A. >&I%& FIM N-AHBI&3@L KJ DG@ O-AHC-IDA- ID DG@ P-@ID IBDI- A. I&%D I-O A% DG@ DG A. CPCMD +

G@ %@F LAP@ FIM -@HA33@%L@L KJ G&M @3&%@%D IK&B&? D&@M G&M BA%P@TN@-&@%H@ A. NCKB&H I..I&-M I%L G&M I3NB@NI? D-&3A%J G@ @I-BJ JACDG A. >&I%& GIL K@@% HG&@.BJ NIMM@L &% -3@%&I FG&HG GIL K@@% .A- MA3@ D&3@ I .I'AC-&D@ -@M&L@%H@ A. G&M .IDG@- @KIMD&I%A KCD A% DG@ @B@'ID&A% A. DG@ BIDD@- &% /E DA DG@ $@%@D&I% DG-A%@ DG@ MA% DAAO CN G&M N@-3I%@%D IKAL@ ID 1IMD@BBA *% / F@ .&%L O&@D-A &% QA&%D HA33I%L F&DG I-HA 1&CMD&%&I%& A. DG@ $@%@D&I% D-AANM K@.A-@ DG@ FIBBM A. %HA%I G-@@ J@I-M BID@- Z //[G@ &M 3@%D&A%@L KJ <b%LABAe IM A%@ A. DG@ .AC- I%L DG&-DJ HINDI&%M FGA M@-'@L C%L@- G&M .IDG@-UM KI%%@- ID IBKA-A FG@-@ O-&%H@ DGA : AG@%MDIC.@% FIM MA DGA-ACPGBJ L&MHA3.&D@L KJ DG@ $@%@D&I%MR I%L %AD BA%P I.D@-FI-LM G@ IHD@L IM HG&@.A. DG@ L@NCDID&A% FG&HG FIM HGAM@% DA &%'&D@ "-@L@-&H I-KI-AMMI' DA DG@ #A%P-@MM A. ; &IBDA @DF@@% DG@ J@I-M //I%L >&I%& @T@-

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H&M@L .&-MD IDOILCI I%L MCKM@SC@%DBJ ID -KA + DG@ G&PG I%L -@MNA%M&KB@ A..&H@ A. NAL@MDm R I%L A% DG@ IHH@MM&A% A. --&PA <I%LABA DA NAF@- G@ FIM INNA&%D@L A%@ A. DGID N-&%H@UM N-&'J HAC%H&BBA-M I NAM&D&A% FG&HG G@ HA%D&%C@L DA GABL C%L@- DG@ $&H@ <AP@ ;@%&@-A ID DG@ D&3@ A. G&M @B@HD&A% e G@ N-&'ID@ HGI-IHD@- A. <I%LABAUM MCHH@MMA- FIM HA%M&L@-@L &--@N-AIHGIKB@R G&M NCKB&H B&.@ I..A-L@L I P-ID&.J&%P -@D-AMN@HD A. CNFI-LM A. DG&-DJ J@I-M MN@%D &% DG@NAB&D&HIB A- L&NBA3ID&H M@-'&H@ A. DG@ DID@ M I%I'IB HA3B%I%L@- IM I% I3KIMMILA- IM I 3IP&MD-ID@ >&I%& GIL IBFIJM IHSC&DD@L G&3M@B. @..&H&@%DBJ I%L GA%AC-IKBJ G@ FIM %AF MC33A%@L KJ DG@ 'A&H@ A. DG@ %ID&A% .-A3 G&M N-&'ID@ LF@BB&%P ID I%DI 1&CMD&%I &% DG@ FI-L A. 1IM? D@BBA e DA C%L@-DIO@ I MD&BB G&PG@- I%L MD&BB 3A-@ -@MNA%M&KB@ LCDJ DA IMMC3@ &% MGA-D DG@ MCN-@3@ L&-@HD&A% A. I..I&-M ID I N@-&AL FG@% G&M HAC%D-J .AC%L G@-M@B. NBIH@L KJ @'@%DM A. -@H@%D AHHC--@%H@ &% I M&DCID&A% N@HCB&I-BJ L&..&? HCBD I%L N@-NB@T&%P

G@ HA%SC@MD A. #A%MDI%D&%ANB@ GIL 3I-O@L &% D-CDG I %@F @-I &% DG@ $@%@D&I% I%%IBM G@ -@NCKB&H FIM %A BA%P@- I DID@ F&DGACD NANCBID&A% F&DB&ACD D@--&DA-JR MG@ FIM %A BA%P@- DG@ MI3@ $@%&H@ FG&HG #IMM&ALA-CM O%@F I%L FG&HG &% DG@ %&%DG H@%DC-J GIL F&DGMDAAL F&DG MCHG FA%L@-.CB MN&-&D I%L MCHH@MM DG@ @TD-I'IPI%D N-@? D@%M&A%M A. a&%P O@N&% *% DG@ 3@3A-IKB@ LIJM A. @? KIMD&I%A >&I%& DG@ *MBI%L #&DJ GIL H@-DI&%BJ IDDI&%@L I

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R+ʻ G@-ʻ HA3 3@-H@ʻ GILʻ DG@%ʻ -@H@&'@Lʻ I%ʻ @TD@%M&A%ʻ
I%Lʻ L@'@BAN3@%Dʻ FG&HGʻDG@ʻ 3AMDʻMI%PC&%@ʻ I%Lʻ.I- M&PGD@Lʻ
HA%D@3NA-I-&@Iʻ A.ʻ DG@ʻ P-@IDʻ -M@ABAʻ FACBLʻ GI'@ʻ MHI-H@BJʻ
-@PI-L@Lʻ IMʻNA++&KB@R G@-ʻ 3I-&%@ʻ FIMʻ@'@%ʻ IDʻDGIDʻN@-&ALʻ
N-AKIKBJʻDG@ʻ 3AMDʻNAF@-.CBʻ &%ʻ !C-AN@R I%Lʻ G@-ʻ %AK&B&DJʻ
FIMʻN@-GINMʻ IMʻI'HBIMMʻ%ADʻA%BJʻDG@ʻ 3AMDʻANCB@%Dʻ KCDʻB&O@?
F&M@ʻ DG@ʻ 3AMDʻNAB&MG@Lʻ I%Lʻ @%B&PGD@%@Lʻ &%ʻ DG@ʻ H&'&B&V@Lʻ
FA-BLʻ @Dʻ DG@ʻ .&-MDʻ >&I%&ʻ FACBLʻGI-LBJʻ F@ʻ INN-@G@%Lʻ
GI'@ʻGIVI-L@Lʻ I'N-@L&HD&A%ʻDGIDʻ &%ʻ M&T I%L DF@&&.Jʻ J@I-Mʻ
I.D@-ʻDG@ʻ '&M&Dʻ A.ʻDG@ʻ OA%D&..ʻ B@TI%L@-ʻDAʻ ;&IBDAʻG&Mʻ A3ʻ
3C%@ʻ FACBLʻNAMM@MMʻKJʻDG@ʻC%L&MNCD@Lʻ-&PGDʻA.ʻHA%SC@MDʻ
DG@ʻ .I&-@MDʻ NA-D&A%ʻ A.ʻDG@ʻ !IMD@-%ʻ @3N&-@ʻ I%Lʻ @T@-H&M@ʻ IDʻ
B@IMDʻI'%A3&%IBʻMA'@-@&P%&DJʻA'@-ʻM@'@-IBʻ 3&BB&A%Mʻ A.ʻMACBMʻ
D&BBʻMC-N-&M&%Pʻ IMʻDG@ʻ -IN&L&DJʻA.ʻDG@ʻ N-AP-@MMʻ 3IJʻIN?
N@I-ʻMCHGʻFIMʻ&%ʻ.IHDʻDG@ʻ-@IB&DJR I%Lʻ DG@ʻA%BJʻSC@MD&A%ʻ
FG&HGʻ FIMʻ%AFʻB&O@BJʻDAʻI-&M@ʻ FIMʻFG@DG@-ʻDG@ʻ -@NCKB&Hʻ
FACBLʻK@ʻIKB@ʻKJʻDG@ʻ CD3AMDʻ@T@-D&A%ʻ A.ʻN-CL@%H@ʻ I%Lʻ
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DA-&IBʻIHSC&M&D&A%Mʻ *Dʻ M@@3@Lʻ LACKD.CBʻ G&Mʻ SC@MD&A%ʻ
GAF@'@-ʻ FIMʻA%eʻFG&HGʻDAʻMIJʻDG@ʻD-CDGʻ@%PIP@Lʻ IDʻN-@?
M@%Dʻ Iʻ'@-Jʻ&%HA%M&L@-IKB@ʻ MGI-@ʻA.ʻNCKB&Hʻ IDD@%D&A%ʻ G@ʻ
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B@IL&%Pʻ MCKQ@HDʻA.ʻL@KID@ʻ&%ʻDG@ʻ @P&MBIDC-@ʻ FIMʻDG@ʻAH?
HCNID&A%ʻA.ʻDG@ʻ%@Fʻ HA%SC@MDMR DG@ʻ 3I&%ʻ &3N@L&3@%Dʻ DAʻ
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NBI%D@L DG@ $@%@D&I% .BIPR I%L .-A3 DG@ BIMD 3@%D&A%@L NBIH@ DG@J M@D MI&B .A- #I%L&I G@PA'@-%3@%D A.#A-.C GAF@'@- FIM MGA-DBJ I.D@-FI-LM '@MD@L &% DG@ GI%LM A. I I&BA FGA FIM IMM&MD@L KJ I KAI-L A. D@% #A3? 3&MM&A%@-M G@ %I3@ A. DG@ I&BA FGA FIP INNA&%D@L &% DG@ .&-MD &%MDI%H@ KJ DG@ <AP@ >&I%& FIM 5IHANA <AB .&%AR I%L DG@ 3@3K@-M A. DG@ AI-L FG&HG IHD@L F&DG G&3 F@-@ %P@BA HADI%DA O&@D-A &HG&@B& DDI'&I%A "@-3A 5IHANA "@--A 1&BK@-DA _C&-&%& D@.I%A "AMHI-&%& &3A%@ CA%A I-&%A#AN-@%&HABA 1&CB&I%A DI3I-&%v I%L 1&A'I%%& @IDA !IHG HA33&MM&A%@- -@H@&'@L %&A-@N'@- IM I% &%LCH@3@%D DA M@DDB@ &% DG@ &MBI%L I .-@@ I%L B&KHBUB IMM&P%3@%D A.BI%L .-A3 DG@ PA'@-%3@%D ID GA3@ A% DG@ M&3NB@ C%L@-MDI%L&%P DG ID G@ FIM GIKB@ IM I''IMMIB A.DG@ -@NCKB&H DA LA M@-'&H@ &% DG@ .&@BL ID DG@ MGA-D@MD %AD&H@ F&DG DF@%DJ O%&PGDM I%L .A-DJ @MSC&-@M I%L DA NIJ I% I%%CIB D-&KCD@ A.D-&.B&%P I3AC%D DA DG@ LCHIB .&MH +

G@ NAB&HJ AKM@-'@L KJ DG@ &P%A-J DAFI-L #A-.C FIM MA3@FGID L&..@-@%D .-A3 DGID FG&HG MG@ NC-MC@L &% -@PI-L DA DG@ -@MD A.G@- %@F L@N@%L@%H&@M *% DG@M@ HIM@M DG@ 3ADG@- HAC%D-J IHHA-L@L .-@@ N@-3&MM&A% DA IB $@%@D&I% MCKQ@HDM DA HA%SC@- I%L HABA%&V@R F&M@BJ HA%MH&ACM A.G@- &%IK&B&DJ DA HA%MD&DCD@ G@- -@H@%D IHSC&M&D&A%M &%DA I% &%? D@P-IB NA-D&A% A.G@- LA3&%&A%M MG@ 3@-@BJ -@M-'@L DA G@-M@B.DG@ LCDJ A.N-AD@HD&A% I%L DG@ -&PGD A.MCV@-I&%DJ %L &%I%J F@IBDGJ A- IL'@%DC-ACM 3@3K@-M A.DG@ $@%@? D&I% %AK&B&DJ I'I&B@L DG@3M@B'@M F&DGACD BAMM A.D&3@ A. DG@N@-3&MM&A% DGCM IHHA-L@L %L-@I I%L *B&@-A%&3A DG@

± 7 5 *>> :N B , 72 '÷* <D:Y 9 7 , * <@:Y 7 , * <=:

D'^A' MA%M' A.' I-HA' 1G&M& ' L&L' GA3IP@' .A-' &%AM' JHA%@' I%L' HJ&UAM' I-HA' IcCLA' I' %@NG@F' A.' DG@' P-@ID' <b%? LABA e' I%L' G&3M@B.' I' MH&A%' A.' A%@' A.' DG@' 3AMD' I%H&@%D' I%L' &BBCMD-&ACM' .I3&B&@M' &%' DG@' -@NCKB&H' IHSC&-@L' &%' B&O@' 3I%? %@-'OI-AM' %D&NI-AM' ITAM' @BAM' I%L' JMAMR' I%L' C%L@-' M&3&BI-' H&-HC3MDI%H@M' %L-AM' FIM' AHHCN&@L' KJ' I-&%p' <b%LABA' A.' I%' GA3I' #@AM' I%L' 1IBB&NAB&' F@-@' QA&%DBJ' G@BL' &%' .&@.' DG@' .A-3@-' KJ' O&@D-A' 1&CMD&%&I%&' I%L' <A3@' %&PA' &HB&&@B&' DG@' BIDD@-' KJ' I-HA' <b%LABA' I%L' 5IHANA' $&I-A +' A-@A'@-'5IHANA' I-AVV&'AKDI&%@L' ICDA-&%A' I%L' GBI-HA' $@%&@-A' #@-&PA' %ING&'.H 'DA'DG@'BAD' A.' @A%I-LA' <@MHABA' I3NMIHCM' DA' DGID' A.' 5IHANA' DG@' MA%' A.' O&@D-A' _C&&L&%& +' %L' IBB' DG@M@' .@CLIB' NAMM@MM&A%M' F@-@' @-@HD@L' &%DA' ' F&DG' DG@' @TH@ND&A%' A.' @3%AM' A-' DIB&3@%@R I%L' DGID' &MBI%L' FIM' IMM&P%@L' DA' OG&BAHABA I'IP&@-A' F&DG' DG@' &3NAM&%P' D&DB@' A.' P-I%L LCO@' &%' HA%M&L@-ID&A%' DG@J' MIJ' A.' H@-DI&%' M@-'&H@M' A.' I%' &3NA-DI%D' HGI-IHD@-' FG&HG' DGID' %AKB@3I%' GIL' -@%L@-@L' DA' DG@' JVI%D&%@'HA&CD e' D' DG@' MI3@' D&3@' M@'@-IB' A.' DG@' P-@ID' 'IMMIBM' F&DG&%' DG@' ABL' .-A%D&@-M' A.' DG@' @3N&-@' A.' #A%MDI%D&%ANB@' QA&%@L' &%' D@%L@-&%P' DG@&-' IBB@P&I%H@' DA' DG@' -@NCKB&HR' I3A%P' DG@M@' F@' 3IJ' L&MD&%PC&MG' DG@' O-&%H@' A.' HGI&I' DG@' #A&3D' OI? BID&%@' A.' >I%D@' DG@' <@MNAD' A.U -PAM' I%L' #A-&%DG' I%L' DG@' 1-I%L' O@CLIDA-J' A.' @P-ANA%DR' I%L' DG@' DG-@@' BIMD

Q '7 ' * <:'02 ' '2 '7 ' ** D +' =D=:
' ' ' 9 '2 8' - ' * @/:+' 9 J' ! ' ! '
' ' !' J'
Q '9 '7*) ' ' $ * @ :Y' 6 '7 '5 , ' ** /@:
Q 1 ' '7 ' * <>:
Q '7 ' ' *' <:Y' ''7 ,' *'>@D:Y' 6 '7 '5 , '
* /D:

‘ = / [‘ 0"2 A0V‘ A ‘ B"$ ‘ =

3@%D&A%@L‘ I..A-L@L‘ I‘ 3A-@‘ MCKMDI%D&IB‘ DAO@%‘ A.‘ DG@&-‘ .&L@B&DJ‘&%‘ I%‘ IP-@@3@%D‘ DA‘ -@3&D‘ I%‘ I%%CIB‘ D-&KCD@‘DA‘DG@‘ $@%@D&I%‘ D-@IbC&J +

G@M@‘ ‘I-&ACM‘ L&MNAM&D&A%M‘ GIL‘ K@@%‘ HA3NB@D@L‘ F&DG‘ HA3NI-ID&‘@‘.IH&B&DJ‘ .A-‘KADG‘DG@‘*A%&I%‘ P-ACN‘ I%L‘DGAM@‘ &MBI%LM‘FG&HG‘F@-@‘MHIDD@-@L‘IBA%P‘DG@‘MGA-@M‘A.‘DG@‘O@BA‘ NA%@MCM‘A-‘ A-@I‘F@-@‘DAA‘.@@KB@‘DA‘A..@-‘I‘N-AD-IHD@L‘A-‘ @..@HDCIB‘ -@M&MDI%H@‘DA‘DG@&-‘%@F‘ 3IMD@-M‘ CD‘DG@‘-@LCH? D&A%‘ A.‘#ICL&I‘ FG&HG‘GIL‘K@@%‘ NBIH@L‘MGA-DBJ‘ I.D@-‘ &DM‘ D-I%M.@-‘DA‘DG@‘ -@NCKB&H‘C%L@-‘DG@‘%A33IB‘PA‘@-%3@%D‘A.‘ I-HA‘ IcCLA‘O-&%H@‘A.‘ ITAM‘I%L‘<CO@‘A.‘DG@‘ -HG&? N@BIPA‘FIM‘I‘FA-O‘FG&HG‘N-@M@%D@L‘&%.&%&D@BJ‘P-@ID@-‘L&.? .&HCBDJ‘I%L‘HA3NB&HID&A%‘ *%‘#I%L&I‘DG@‘FGAB@‘A.‘DG@‘ CNN@-‘HBIMM‘I%L‘&%L@@L‘DG@‘FGAB@‘A.‘DG@‘BI%L@L‘&%D@-@MD‘ F@-@‘ %IDC-IBBJ‘ L&MI..@HD@L‘ DA‘ DG@‘ $@%@D&I%‘ LA3&%&A%‘ FG&HG‘DG@J‘.A-@MIF‘FACBL‘%AD‘A%BJ‘AN@-ID@‘DA‘DG@‘N-@? QCL&H@‘A.‘DG@&-‘L&P%&DJ‘I%L‘&3NA-DI%H@‘KCD‘FACBL‘3ID@? -&IBBJ‘&%QC-@‘DG@&-‘.@CLIB‘I%L‘IP-&HCBDC-IB‘N-AMN@HDM‘ G@J‘ F@-@‘.&BB@L‘F&DG‘I‘QCMD‘I%L‘-@IMA%IKB@‘INN-@G@%M&A%‘DGID‘ DG@‘$@%@D&I%M‘FACBL‘ID‘A%H@‘CMC-N‘IBB‘M@&P%A-&IB‘-&PGDM‘ I%L‘P-ILCIBBJ‘MCNNBI%D‘DG@3‘&%‘IBB‘DG@&-‘NAM&D&A%M‘A.‘GA? %AC-‘I%L‘D-CMD‘ G@J‘PBAA3&BJ‘.A-@KAL@L‘DGID‘K@HA3@‘&%‘ I%‘@'&B‘GAC-‘3@-@‘D&BB@-M‘A.‘DG@‘P-AC%L‘I%L‘-@IN@-M‘A.‘DG@‘ GI-'@MD‘DG@J‘FACBL‘K@‘.A-H@L‘DA‘BIJ‘ID‘DG@‘.@@D‘A.‘.A-@&P%‘ 3IMD@-M‘&MBI%L@&M‘A%BJ‘I.D@-‘IBB‘B&O@‘DG@3M@B'@M‘DG@‘.&UC&DM‘ A.‘I‘MA&B‘C%@SCIBB@L‘DG-ACPGACD‘DG@‘FA-&L‘.A-‘&DM‘-&HG%@MM

G ! ‘ ' ‘ ‘ ! ‘ ‡ ‘ ‘ ‘ ! ‘ $ ‘ ‘ - ‘ ‘ ! ‘ * ‘ ‘ ‘ ‘ ‡ ‘ ‘S & Ÿ ‘ ! ‘ ‘ ! ‘3 % ‘B * ‘& ‘ 5 ‘ ‘ ‘ * * ‘ ‘% ‘7^< ‘ ‘ ‘ ' %‘ ‘ ‘ ‘ ‘ S ‘ ! ‘ ‘ 2 ‘ 9 ‘7 , ‘ *‘<>:

% ‘ ,

F&DG&%' DG@' MGA-D' N@-&AL' A.' .AC-' J@I-M ' GIL' B@.D' G&M' IMG@M' &%' I' .A-@&P%' BI%L' I3A%P' I' MD-I%P@' N@ANB@ ' +

GA-DBJ' K@.A-@' DG@' L@IDG' A.' <I%LABA ' GAF@'@-' DG@' 3I-O@L' I%L' '&AB@%D' -@NCP%I%H@ ' FG&HG' DG@' #I%L&ADM' @T? G&K&D@L' DA' KAF' DA' DG@' $@%@D&I%' JAO@ ' GIL' -@%L@-@L' &D' I' SC@MD&A% ' FG@DG@-' &D' FACBL' %AD' K@' @TN@L&@%D' DA' L&MI-3' DG@&-' -@M&MDI%H@ ' I%L' L&3&%&MG' DG@' N-AKIK&B&DJ' A.' .CDC-@' &%MC--@HD&A%M ' KJ' L&M3I%DB&%P' DG@' .AC-D@@%' HIMDB@M' I%L' MD-A%PGABLM ' FG&HG' GIL' K@BA%P@L' DA' : @%-J' DG@' "&MG@-? 3I% ' DAP@DG@-' F&DG' IBB' DG@' ADG@-' .A-D-@MM@M' &%' DG@' &MBI%L ' "A-' &D' FIM' HA%H@&'@L' &%' MA3@' SCI-D@-M' DGID ' KJ' DG&M' 3@I%M ' I' .@F'-@PCBI-' D-AANM' 3&PGD' @IM&BJ' A'@-IF@' DG@' %ID&'@' NANC? BID&A%' F&DGACD' DG@' %@H@MM&DJ' .A-' DG@' HA%MDI%D' N-@M@%H@' A.' I' %I'IB' .A-H@' G@' NBI%' N-ANAM@L' FIM ' A.' HAC-M@ ' IL'AHID@L' KJ' I' H@-DI&%' NI-DJ' R KJ' 3I%J ' A%' DG@' ADG@-' GI%L ' &D' FIM' FI%%BJ' I%L' MDACDBJ' ANNAM@L ' I%L' KJ' %A%@' 3A-@' MA' DGI%' KJ' ;@%&@-A' <I%LABA ' FGA' GIL' HA33C%&HID@L' DA' DG@' !T@HCD&'@' ID' GA3@' G&M' '&@FM' A%' DG@' MCKQ@HD' F&DG' I' 3I%BJ' KABL%@MM' I%L' .-@@LA3' %AD' C%FA-DGJ' A.' G&M' .IDG@-' --&PA ' G@' IL3&-IB' @TN-@MM@L' G&M' L@H&L@L' I%L' C%SCIB&.&@L' L&M? INN-AKID&A%' A.' DG@' HAC-M@ ' FG&HG' G&M' HAC%D-J' FIM' IKACD' DA' NC-MC@ ' : @' @I-%@MDBJ' L@N-@HID@L' DG@' ILAND&A%' A.' DG@' 3@IMC-@ ' FG&HG' G@' K@B&@'@L' DA' K@' %AF' &%' HA%D@3NBID&A%' R G@' -@N-@M@%D@L' DGID' DG@' 3&B&DI-J' MDID&A%M' &%' #I%L I ' FG&HG' MA3@' F&MG@L' DA' K@' L&M3I%DB@L ' FACBL' K@' A.' .I-' P-@ID@-' CD&B&DJ' DA' DG@' -@PCBI-' .A-H@M' A.' DG@' -@NCKB&H ' DGI%' DA' DG@' C%L&MH&NB&%@L' D-AANM' A.' DG@ ' &%MC-P@%DM' R I%L' G@' HA%HBCL@L

Q ' 7 '5' *'>>D:'Y 2 ' 9 ' .3!,!' ,' *' > :'Y 9 \ ' 7, ' * >>:'Y ' ' 7 '*'= :'Y 9 ' 7 ,' *'/ :'Y 4 ' ' ' 7 ,' * < :

KJ' I%' &%D&3ID&A%' DGID ' MGACBL' DG@' &P%A-J' K@' L&M&%? HB&%@L' .-A3' @HA%A3J' A-' ADG@-' 3AD&'@M ' DA' K@I-' DG@' HAMD' A.' 3I&%DI&%&%P' DGAM@' MDID&A%M ' G@' FIM' N-@NI-@L' DA' L@? .-IJ' &D' ACD' A.' G&M' AF%' N-&'ID@' -@MAC-H@M ' A' M@%M&KB@' I%L' P@%@-ACM' I N-ANAM&D&A%' HA3&%P' .-A3' MCHG' I' MAC-H@' GIL' HA%M&L@-IKB@' @..@HD' A%' DGAM@' DA' FGA3' &D' FIM' IL' L-@MM@L' G@' A..@-' A.' ; @%&@-A' FIM' A.' HAC-M@' L@HB&%@L'R KCD' G&M' IL'&H@' FIM' MC..@-@L' DA' N-@'I&B +

@D' FG&B@' DG@' $@%@D&I%' PA'@-%3@%D' HA%M@%D@L' DA' IKI%? LA%' DG@&-' GIB. .A-3@L' L@M&P%' A.' L&M3I%DB&%P' DG@' .A-D&.&HI? D&A%M' A.' #I%L&I ' DG@J' P-@F' MD-A%P@-' I%L' MD-A%P@-' &%' DG@&-' L@D@-3&%ID&A%' DA' ILAND' MA3@' @..@HDCIB' 3@I%M' A.' SC@BB&%P' DG@' 3CD&%ACM' L&MNAM&D&A%' A.' DG@' #I%L&ADI ' G&M' &3NA-D? I%D' SC@MD&A%' INN@I-M' DA' GI'@' K@@%' K-ACPGD' K@.A-@' DG@' @P&MBID&'@' ALJ' .A-' DG@' .&-MD' D&3@' ID' DG@' M&DD&%P' A.' DG@' DG' @ND@3K@-' ' 'R KCD' %A' .&%IB' I--I%P@3@%DM' F@-@' HA%HBCL@L' D&BB' DGID' A.' DG@' DG' A.' "@K-CI-J' &%' DG@' .AB? BAF&%P' J@I-'R I' -@MABCD&A%' FIM' DG@%' .A-3@L' DA' -@MA-D' DA' I' P@%@-IB' MJMD@3' A.' HABA%&VID&A%' IM' DG@' A%BJ' N-IHD&HIKB@' -@3@LJ' .A-' DG@' @'&B' I%L' DGCM' DA' &3NI-D' DA' DG@' $@%@D&I%' @B@3@%D' &%' #I%L&I' KADG' MAH&IB' I%L' NAB&D&HIB' N-@NA%L@-I%H@' %L' DGID' -@MABCD&A%' FIM' ID' A%H@' @3KAL&@L' &%' I%' IHD' A.' M@DDB@3@%D ' &DG' DG@' hTH@ND&A%' A.' I' M3IBB' NA-D&A%' ILQI? H@%D' DA' DG@' HAIMD ' FG&HG' DG@' -@NCKB&H' -@M@-'@L' DA' G@-M@B.' IM' DG@' N-AN@-DJ' A.' DG@' HA33C%@' I%L' A.' I%ADG@-' FG&HG' FIM' IBBADD@L' 5A' DG@' %ID&'@' N-AN-&@DA-M' DG@' FGAB@' &MBI%L' FIM' %AF' L&'&L@L' &%DA' A%@' GC%L-@L' I%L' @&PGDJ' .&@.M' A.' FG&HG' A%@' GC%L-@L' I%L' DG&-DJ DFA' F@-@' L@M&P%ID@L' I

G6 '7 '5 , ' * /@:Y] '7 '5' * >> :Y '7 ' ,' *'> D:' ! & , ! ' ' '* '& !']

1ʻ ʻ ʻ ! ʻ ʻ

(ʻ ZA-ʻ O%&PGDMŮ .@@M[ʻ DG@ʻ -@3I&%&%Pʻ .A-DJ @&PGDʻ
6 2ʻ G@ʻ .A-3@-ʻ F@-@ʻ @THBCM&'@BJʻ IB&P%@Lʻ DAʻ
@3&P-I%DMʻ A.ʻ DG@ʻ @SC@MD-&I%ʻ A-L@-ʻ I%Lʻ DG@&-ʻ .I3&B&@Mʻ DG@ʻ
BIDD@-ʻ DAʻ KC-PG@-Mʻ A-ʻ IMʻ DG@Jʻ F@-@ʻ D@-3@Lʻ &%ʻ $@%&H@
ʻ ! IHGʻD@%I%Dʻ&%ʻ.@@A.ʻIʻHI'IBB@&Jʻ FIMʻKAC%Lʻ DAʻ
GABLʻG&3M@B.ʻ&Nʻ HA%MDI%Dʻ-@IL&%@MMʻF&DGʻGA-M@Mʻ I%Lʻ@MSC&-@Mʻ
DAʻLAʻM@-'&H@ʻ&%ʻDG@ʻ.&@BLʻ G@ʻ ʻA-ʻN-AN-&@DA-Mʻ A.ʻ
DG@ʻ .I%D@-&@Mʻ F@-@ʻ IBMAʻ B&IKB@ʻ DAʻ N@-.A-3ʻ 3&B&DI-Jʻ LCDJRʻ
IBDGACPGʻDG@&-ʻAKB&PID&A%Mʻ&%ʻDG&Mʻ -@MN@HDʻL&..@-@Lʻ KADGʻ&%ʻ
DG@&-ʻ%IDC-@ʻI%Lʻ@TD@%Dʻ.-A3ʻDGAM@ʻFG&HGʻF@-@ʻ&3NAM@Lʻ
A%ʻ.B&@ʻP-@ID@-ʻ.@CLIDA-&@Mʻ Mʻ Iʻ.I&-ʻ@SC&'IB@%Dʻ GAF@'@-ʻ
.A-ʻDG@ʻHAMDʻA.ʻ@3&P-ID&A%ʻFG&HGʻGILʻ&%ʻ3I%Jʻ HIM@Mʻ K@@%ʻ
@TH@@L&%PBJʻ G@I'Jʻ DG@ʻ M@DDB@-Mʻ F@-@ʻ N@-3&DD@Lʻ KJʻ DG@ʻ
PA'@-%3@%Dʻ DAʻ GABLʻ DG@&-ʻ BI%LMʻ A%ʻ Iʻ.-@@ʻD@%C-@ʻ .A-ʻ DG@ʻ
.&-MDʻ.AC-ʻJ@I-Mʻ&%ʻFG&HGʻD&3@ʻ&Dʻ FIMʻ -@IMA%IKB@ʻ DAʻ HA%?
HBCL@ʻDG@Jʻ FACBLʻ-@HA'@-ʻDG@&-ʻACDBIJʻ I%Lʻ K-&%Pʻ DG@ʻ MA&Bʻ
C%L@-ʻP@%@-IBʻHCBDC-@RʻKCDʻ&%ʻDG@ʻ.&.DGʻI%Lʻ IBBʻMCHH@@L&%Pʻ
J@I-Mʻ&%ʻN@-N@DC&DJʻDG@ʻHABA%Jʻ FIMʻDAʻK@ʻ-@SC&-@Lʻ DAʻNIJʻ
Iʻ D-&KCD@ʻDAʻDG@ʻLCHIBʻ.&MHʻA.ʻDFAʻDGACMI%Lʻ)) ʻZIKACDʻ
z , ʻA.ʻAC-ʻ3A%@J[Rʻ I%Lʻ &Dʻ FIMʻ L&MD&%HDBJʻN-A'&L@Lʻ
DGIDʻIBBʻIL'I%DIP@Mʻ FG&HGʻ3&PGDʻI-&M@ʻ.-A3ʻDG@ʻL&MHA'@-Jʻ
A.ʻ 3&%@Mʻ A.ʻ PABLʻ A-ʻ M&B'@-ʻ F&DG&%ʻ DG@ʻ $@%@D&I%ʻ .-A%D&@-ʻ
F@-@ʻDAʻK@ʻD-I%M.@--@Lʻ F&DGACDʻ-@M@-'@ʻDAʻDG@ʻHA33C%@ʻ
*%ʻ-@PI-Lʻ DAʻDG@ʻL@MH@%Dʻ A.ʻN-AN@-DJʻ Iʻ BIFʻ FIMʻ @%IHD@Lʻ
FG&HGʻN-@MH-&K@Lʻ DGIDʻFG@-@ʻDG@-@ʻ FIMʻ Iʻ B@P&D&3IDʻG@&-ʻ
G@ʻMGACBLʻMCHH@@Lʻ A%ʻDG@ʻL@3&M@ʻA.ʻDG@ʻIHDCIBʻD@%I%Dʻ&%ʻ
DG@ʻCMCIBʻHAC-M@ʻI%Lʻ DGIDʻ&% HIM@M+ʻFG@-@ʻDG@-@ʻFIMʻ %Aʻ
MCHGʻG@&-ʻA-ʻFG@-@ʻG@ʻFIMʻMD&BBʻIʻ3&%A-ʻ &Dʻ FIMʻHA-I

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NAD@%D .A-S DG@S @P&MBID&'@ ALJS@&DG@-S DAS %A3&%ID@S I' %@FS .@CLIDA-J+S A-S DN INNA&%DS I' D@%I%DS LC&U&%PS DG@S N@-&AL' A.S 3&%A-&DJ' CDS C%L@-S %AS H&-HC3MDI%H@MS FIMS I' @SC@MDS A-S HA%'@JI%H@S A.S N-AN@-DJS DAS K@S HA%M&L@-@L' 'IB&L'FG&HGS GIL' DG@S @..@HDS A.S IB %ID&%PS I%JS NA-D&A%S A.S #ABA%&I'$@%@DA-C3' .-A3' DG@S -@NCKB&H' A-@A'@-' DG@S @3&P-I%DMS F@-@S @%? QA&%@L'DAS 3IO@S%AS D-CH+@S A-S D-@IDJS F&DGS I%JS OAF@-' .A-@&P%S A-S LA3@MD&H'F&DGACDS DG@S .CBBS MI%HD&A%S A.S DG@S <AP@S I%L'DG@S &P%A-JRS DAS I..A-L'S MCHHAC-S I%L'N-AD@HD&A%S DAS IBBS $@%@D&I%S D-IL@-MS I%L'D-I'@BB@-M'FGAS 3&PGDS G@%H@.A-FI-L'DACHGS IDS DG@S &MBI%L'A-S NIMMS DG-ACPGS &D' I%L'DAS GABL'DG@3' IMS .I-S IMS DG@JS 3&PGDS K@S IKB@'GI-3B@MMS I%L'MHIDGB@MMRS DAS .IH&B&? DID@S DG@S HA33@-H&IBS &%D@-HAC-M@S A.S DG@&-S HAC%D-JS F&DGS G@-S HABA%J'I%L'DAS HA%MCBDS I%L'GI'@S &% '&@F'IDS IBBS D&3@M'DG@S &%D@-@MDS I%L'F@.I-@S A.S DG@S -@NCKB&H' :@-S IBB&@M'DG@JS F@-@S @TGA-D@L'DAS K@I-S &% 3&%L'F@-@S DG@&-S IBB&@M'I%L'G@-S @%@? 3&@M'DG@&-S @%@3&@M

*%L@N@%L@%DBJ'GAF@'@-'A.S DG@S .@CLIBS L&'&M&A%M'FG&HGS F@S GI'@S %AD&H@L'IKA'@'#ABA%&I'$@%@DA-C3'.A-3@L'&%S &D' M@BB' B&O@S DG@S NI-@%D H&DJ'M&TS FI-LMS A-S ' .A-S @IHGS FI-L'FIMS @B@HD@L'I') RS I%L'DG@M@S M&TS HINDI&%MS HA3? NAM@L'DG@S N-&'JS HAC%H&BS A.S DG@S $@%@D&I%S PA'@-%A-S A.' #I%L&I +

CHG'DG@%'FIMS DG@S IHDS A.S DG@S 1-@IDS #AC%H&BS A.S $@%&H@' KJS FG&HGS DG@S LA3&%&A%S A.S DG@S I%H&@%DS &MBI%L'A.S #-@D@S FIM' D-I%M.@--@L'DAS DG@S &P%A-J'I%S IHD'FG&HGS H@-DI&%BJS M@@3@L' DAS -@IB&V@S DG@S FA-MDS INN-@G@%M&A%MS A.S DG@S %ID&'@S N-AN-&@? DA-M' @DS MC-@BJS DG@S #I%L&ADMS F@-@'&%S MA3@S 3@IMC-@'DA

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KBI3@ C-@BJ DG@J HACBL %AD .I&B DA N@-H@&'@ DGID DG@ -@MDB@MM I%L DC-KCB@%D HGI-IHD@- A.O@MHIDA-@ I%L D@.I%&DAM GIL NAF@-.CBBJ HA%D-&KCD@L &% K-&%P&%P DG@ HAC%D-J DA DG&M @TD-@3&DJ A- GIL DG@ -@NCKB&H DIO@% DG@ L@H&M&'@ MD@N F&DGACD P-I'@ I%L 3IDC-@ HA%M&L@-ID&A%+ "A- DG@ NBI% FG&HG MG@ GIL A-&P&%IBBJ ILAND@L .A- DG@ PA'@-%3@%D A. #I%L&I FIM IM F@ GI'@ M@@% IBDAP@DG@- L&..@-@%D &% &DM HGI-IHD@- R &D FIM A%BJ I.D@- M@'@% J@I-M A. M@'@-@ N-A'A? HID&A% DGID MG@ GIL -@MA-D@L DA DG@ MJMD@3 A. HABA%&VI? D&A% I%L DGID G@- PA'@-%3@%D GIL @%IHD@L DG@ MF@@N&%P 3@IMC-@ KJ FG&HG I BI-P@ N-ANA-D&A% A. DG@ #-@DI% .@C? LIDA-&@M F@-@ L&MNAMM@MM@L A. DG@&- BI%LM

G@ PA'@-%3@%D A. #I%L&I C%L@- DG@ @I-BJ $@%@D&I% LA3&%ID&A% FIM A. I 3&T@L HGI-IHD@- R J@D DG@ $@%@D&I% @B@3@%D P-@IDBJ N-@NA%L@-ID@L G@ LAA-M A. DG@ #ABA%&IB @P&MBIDC-@ F@-@ DG-AF% AN@% &%L@@L DA DG@ %ID&'@ N-A? N-&@DA-M &% HA33A% F&DG DG@ 3@3K@-M A. DG@ M@DDB@3@%D CD IBB DG@ G&PG@- I%L 3A-@ -@MNA%M&KB@ A.& H@M HA%%@HD@L F&DG DG@ IL3&%&MD-ID&A% F@-@ .&BB@L KJ DG@ BIDD@- DG@ #I%L&ADI F@-@ 3@-@BJ@3NBAJ@L &% MCKA-L&%ID@ HINIH&D&@MR I%L DG@-@ F@-@ MA3@ .C%HD&A%I-&@M MCHG IM DG@ D-@IMC-@- I%L DG@ NCKB&H IL'AHID@M FGAM@ INNA&%D3@%D DG@ LAP@ DGACPGD N-AN@- DA -@DI&% &% G&M AF% GI%LM +

GA-DBJ I.D@- DG@ .AC%LID&A% A. #ABA%&I $@%@DA-C3 I-HA IcCLA FIM -@HIBB@L .-A3 DG@ PA'@-%3@%D A. #I%L&IR I%L G@ FIM -@NBIH@L KJ 5IHANA &@NABA FGA I .@F J@I-M K@.A-@ GIL K@@% M@%D DA -@B&@'@ I-&%A >@%A &% DG@ G&PG I%L A%@-ACM .C%HD&A%M A. OAL@MD I A. #A%MDI%? D&%ANB@ G@D-&@L IK&B&D&@M A. &@NABA IM F@BB IM G&M G&PG

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B@PIB IDDI&%3@%DM .CBBJ FI--I%D@L G&M INNA&%D3@%D DA DG@ &3NA-DI%D D-CMDR &D FIM GAN@L DGID &% G&M GI%LM DG@ I..I&-M A. #I%L&I FACBL N-AMN@- I%L DGID G@ FACBL MCHH@@L &% @MDIKB&MG&%P G&M ICDGA-&DJ &% DG@ &MBI%L A% I .&-3 I%L M@HC-@ KIM&M 2

% G&M @TNCBM&A% .-A3 #I%L&I DG@ #AC%D A. IBDI GIL %IDC-IBBJ MACPGD I% IMJBC3 ID 1@%AI GID DID@ FG&HG GIL K@@% HA3NB@D@BJ KI..B@L &% G@- -@H@%D IDD@3ND DA IH? SC&-@ NAMM@MM&A% A. DG@ &MBI%L C%L@- DG@ N-@D@TD A. I..A-L? &%P MCHHAC- DA O@MHIDA-@ GI-KAC-@L ID N-@M@%D I .@@B&%P A. DG@ L@ILB&@MD I%&3AM&DJ IPI&%MD DG@ $@%@D&I%MR DA DG@ Q@IBACM @%3&DJ FG&HG GIL IBFIJM @T&MD@L K@DF@@% DG@ DFA OAF@-M IM DG@ %IDC-IB A..MN-&%P A. HA33@-H&IB -&'IB-J F@-@ MCN@-ILL@L %AF DG@ MD&%P A. FAC%L@L N-&L@ I%L DG@ -IP@ A. .A&B@L I3K&D&A% %L : @%-J DG@ "&MG@-3I% HA%M@? SC@%DBJ @TN@-&@%H@L B&DDB@ L&..&HCBDJ&% N-@'I&B&%P A%DGAM@ DA FGA3 G@ ILL-@MM@L G&3M@B. DA @MNACM@ G&M %AD C%? .AC%L@L N-@D@%M&A%M I%L DA B@%L G&3 DG@&- I@D&'@ IMM&MD? I%H@ &% -@HA'@-&%P G&M NAMM@MM&A%M *% HA%.A-3&DJ F&DG &DM -@MABCD&A% DA I..A-L G&3 MCHG MCNNA-D DG@ PA'@-%3@%D A. 1@%AI L&-@HD@L DG@ A-PI%&VID&A% A. I MSCIL-A% A. DG&-DJ PIBB@JMR DG&M MSCIL-A% FIM ID A%H@ A-L@-@L DA N-AH@@L DA #I%L&IR I%L &D FIM IHHA3NI%&@L KJ DG@ #AC%D A. IBDI

G@M@ GAMD&B@ 3A'@3@%DM HACBL %AD GAF@'@- K@ BA%P HA%H@IB@L .-A3 DG@ MB@@NB@MM @J@ A. DG@ $@%@D&I% PA'@-%? 3@%DR *D FIM MAA% O%AF% DA >&I%& I%L G&M IL'&M@-M DGID I .B@@D GIL B@.D 1@%AI .A- DG@ @L&D@--I%@I% F&DG DG@ AKQ@HD IM &D FIM -@NA-D@L A. -@&%MDID&%P : @%-J DG@ "&MG@-? 3I% &% G&M .@CLIB -&PGDM I%L F&DG DG@ -@IB &%D@%D&A% DG@-@

% /

0"2 A(V A-ʻ ! ʻ ʻ

HACBLʻ K@ʻ B&DDB@ʻ LACKDʻ A.ʻ M@&V&%Pʻ DG@ʻ &MBI%Lʻ &%ʻ DG@ʻ %I3@ʻ A.ʻ DG@ʻ HA33C%@ʻ G@Jʻ .@BDʻ DG@-@.A-@ʻ DGIDʻ %Aʻ D&3@ʻ FIMʻ DAʻ K@ʻ BAMDʻ &%ʻ I'@-D&%Pʻ DG@ʻ LI%P@-ʻ FG&HGʻ DG-@ID@%@Lʻ #ABA%&Iʻ $@%@DA-C-IR J@Dʻ DG@ʻ NAM&D&A%ʻ &%ʻ FG&HGʻ DG@Jʻ F@-@ʻ NBIH@Lʻ FIMʻ A%@ʻ A.ʻ %Aʻ A-L&%I-Jʻ L&..&HCBDJʻ "A-)AF&%Pʻ NI-DBJʻ DAʻ DG@ʻ %@H@MM&DJʻ FG&HGʻ GILʻ I-&M@%ʻ A.ʻ 3I&%DI&%&%Pʻ M3IBBʻ .B@@DMʻ &%ʻ 'I-&ACMʻ SCI-D@-Mʻ .A-ʻ DG@ʻ N-AD@HD&A%ʻ A.ʻ HA33@-H@ʻ I%Lʻ NI-DBJʻ DAʻ DG@ʻ N-IHD&H@ʻ FG&HGʻ N-@'I&B@Lʻ A.ʻ INNBJ&%Pʻ DG@ʻ %I'Jʻ DAʻ DG@ʻ 3@-HGI%Dʻ M@-'&H@ʻ DG@ʻ -M@%IBʻ FIMʻ M@BLA3ʻ N-@NI-@Lʻ DAʻ 3@@Dʻ Iʻ HIM@ʻ A.ʻ N-@MMC-@ʻ A-ʻ @T&P@%HJR I%Lʻ IDʻ DG@ʻ N-@M@%Dʻ 3A3@%Dʻ DG@ʻ '@MM@BMʻ I'I&BIKB@ʻ .A-ʻ &33@L&ID@ʻ CM@ʻ F@-@ʻ KCDʻ %&%@ʻ &%ʻ %C3K@-ʻ Aʻ FI&Dʻ GAF@'@-ʻ D&BBʻ ADG@-Mʻ HACBLʻ K@ʻ -@HIBB@Lʻ FIMʻ HB@I-BJʻ ACDʻ A.ʻ DG@ʻ SC@MD&A%ʻ I%Lʻ &Dʻ FIMʻ DAAʻ BID@ʻ DAʻ HA33C%&HID@ʻ %AFʻ @&DG@-ʻ F&DGʻ DG@ʻ IL3&-IBʻ A%ʻ DG@ʻ @L&D@--I%@I%ʻ MDID&A%ʻ A-ʻ F&DGʻ DG@ʻ I-3@Lʻ H-C&M@-Mʻ FG&HGʻ F@-@ʻ BJ&%Pʻ A..ʻ DG@ʻ HAIMDMʻ A.ʻ J-&Iʻ I%Lʻ !PJNDʻ %L@-ʻ DG@M@ʻ H&-HC3MDI%H@Mʻ DG@ʻ $@%@D&I%ʻ PA'@-%? 3@%Dʻ L@H&L@Lʻ A%ʻ HA3NB@D&%Pʻ DG@ʻ @SC&N3@%Dʻ A.ʻ DG@ʻ %&%@ʻ HI-IOMʻ FG&HGʻ .A-DC%ID@BJʻ GINN@%@Lʻ DAʻ K@ʻ &%ʻ I%ʻ IL'I%H@Lʻ MDID@ʻ A.ʻ N-@NI-ID&A%ʻ I%Lʻ A%ʻ NBIH&%Pʻ DG@3ʻ C%L@-ʻ DG@ʻ HGI-P@ʻ A.ʻ Iʻ %I'IBʻ A..&H@-ʻ A.ʻ D-&@Lʻ HAC-IP@ʻ I%Lʻ IK&B&D&@Mʻ 1&A'I%%& -@'&MI%ARʻ -@'&MI%Aʻ -@H@&'@Lʻ &%MD-CHD&A%Mʻ DAʻ N-@MMʻ IBBʻ MI&Bʻ .A-ʻ DG@ʻ @L&D@--I%@I%ʻ I%Lʻ IDʻ @'@-Jʻ -&MOʻ DAʻ &%D@-H@ND+ʻ DG@ʻ @%@3Jʻ K@.A-@ʻ DG@Jʻ -@IHG@Lʻ DG@&-ʻ L@MD&%ID&A%

G@ʻ -@NCKB&Hʻ HACBLʻ GI-LBJʻ GI'@ʻ HA%.&L@Lʻ G@-ʻ GA%AC-ʻ DAʻ MI.@-ʻ A-ʻ FA-DG&@-ʻ O@@N&%Pʻ 4ʻ FIMʻ %@I-ʻ DG@ʻ G@&PGDMʻ A.ʻ -INI%&ʻ A%ʻ DG@ʻ &H&B&I%ʻ HAIMDʻ DGIDʻ DG@ʻ IL3&-IBʻ L@MH-&@Lʻ DG@ʻ AKQ@HDʻ A.ʻ G&Mʻ M@I-HGʻ G@ʻ L&MNI-&DJʻ K@DF@@%ʻ G&Mʻ AF%ʻ %C3K@-Mʻ I%Lʻ DGAM@ʻ A.ʻ DG@ʻ 1@%A@M@ʻ FIMʻ P-@IDʻ &%L@@Lʻ G@ʻ -&MOʻ FIMʻ &%L@@Lʻ D-@3@%LACMʻ @Dʻ DG@ʻ M&P%IBʻ .A-

‘ (‘ 0"2 A1V‘ A3‘ ? B"$ ‘

IDDIHO‘ FIM‘ P&'@%‘ F&DGACD‘ G@M&DID&A%‘ I%L‘ &D‘ FIM‘ AK@J@L‘ F&DGACD‘ .@I-‘ G@‘ @%@3J‘ MCMDI&%@L‘ &%‘ DG&M‘ D-J&%P‘ 3A‘ 3@%D&‘ DG@&-‘ G&PG‘ I%L‘ I%H&@%D‘ -@NCDID&A%‘ .A-‘ HA3UIP@‘ I%L‘ MO&BB‘ I%L‘ .A-‘ MA3@‘ D&3@‘ DG@J‘ 3I&%DI&%@L‘ DG@‘ HA%D@MD‘ &%‘ FG&HG‘ DG@J‘ GIHBQ@%PIP@L‘ C%L@-‘ MCHG‘ .I'AC-IKB@‘ ICMN&H@M‘ .&-3BJ‘ I%L‘ @SCIBBJ‘ CD‘ DG@‘ @TD-IA-L&%I-J‘ 'IBAC-‘ I%L‘ N@-D&cIH&DJ‘ A.‘ DG@‘ &MBI%L@-M‘ FGA‘ M@@3@L‘ DA‘ K@‘ P&.D@L‘ KJ‘ MCN@-GC3I%‘ @%@-PJ‘ MAA%‘ N-A'@L‘ &--@M&MD&KB@‘ G@‘ @..A-DM‘ A.‘ DG@&-‘ I%DIPA%&MDM‘ F@-@‘ P-ILCIBBJ‘ -@BIT@L‘ &%‘ I‘ N@-H@N? D&KB@‘ L@P-@@‘ G@&-‘ INNI-@%D‘ &%IK&B&DJ‘ DA‘ GABL‘ DG@&-‘ P-AC%L‘ %&tHG‘ BA%P@-‘ &%MN&-@L‘ DG@ $@%@D&I%M‘ F&DG‘ .-@MG‘ I-LAC-‘ I%L‘ HAC-IP@‘ G@‘ BIDD@-‘ -@LACKB@L‘ DG@&-‘ @T@-D&A%M‘ %L‘ %AF‘ DG@‘ &%D-@N&L‘ -@'&MI%A‘ -@HA'@-&%P‘ ID‘ BIMD‘ A%@‘ A.‘ G&M‘ HI-IOM‘ FG&HG‘ G@‘ GIL‘ C%.A-DC%ID@BJ‘ BAMD‘ &%‘ DG@‘ '@-J‘ HA33@%H@3@%D‘ A.‘ DG@‘ IHD&A%‘ L&-@HD@L‘ I‘ P@%@-IB‘ IDDIHO‘ IPI&%MD‘ DG@‘ 1@%A@M@‘ B&%@‘ K-AO@‘ &D‘ L-A'@‘ DG@‘ @%@3J‘ K@.A-@‘ G&3‘ NC-MC@L‘ DG@3‘ DA‘ DG@‘ HAIMD‘ A.‘ .-&HI‘ PI'@‘ DG@3‘ KIDDB@‘ DF&H@‘ 3A-@‘ A%‘ DFA‘ MCHH@@L&%P‘ LIJM‘ I%L‘ .&%IBBJ‘ M@HC-@L‘ .AC- I%L DF@%DJ‘ N-&V@M‘ G@‘ 'I%SC&MG@L‘ -@DC-%@L‘ GA3@‘ F&DG‘ KCD‘ M&T‘ MG&NM‘ DG@&-‘ I--&'IB‘ I%L‘ DG@‘ &%D@BB&P@%H@‘ A.‘ FG&HG‘ DG@J‘ F@-@‘ DG@‘ K@I-@-M‘ N-ALCH@L‘ ID‘ 1@%AI‘ DG@‘ P-@ID@MD‘ D@--A-‘ I%L‘ HA%MD@-%ID&A%‘ G@‘ A%BJ‘ DGACPGD‘ FG&HG‘ DGID‘ HA33C%@‘ %AF‘ @%D@-DI&%@L‘ FIM‘ A.‘ N@IH@‘ R DA‘ @..@HD‘ m‘ -@HA%H&B&ID&A%‘ F&DG‘ DG@‘ '&HDA-M‘ INN@I-@L‘ DA‘ K@‘ G@-‘ A%BJ‘ HGI%H@‘ A.‘ MI.@DJR‘ I%L‘ A%@‘ A.‘ G@-‘ MCKQ@HDM‘ -ADG@-‘ &BB&I3‘ A.‘ $&D@-KA‘ FIM‘ ID‘ A%H@‘ HGI-P@L‘ F&DG‘ DG@‘ DIMO‘ A.‘ AN@%&%P‘ DG@‘ %@H@MMI-J‘ %@PAD&ID&A%M‘ G@‘ $@%@D&I%M+‘ A%‘ DG@&-‘ NI-D‘ F@-@‘ DAA‘ .CBBJ‘ AHHCN&@L‘ KJ‘ DG@&-‘ -@H@%D‘ IHSC&M&

G1 * ‘ ! ‘ ‘ ‘7 ‘ ,‘* > /:‘ 9 ‘7* ‘ ‘
$ *#2A:‘ 4 ‘ ‘7 ‘ ,‘* <>:

D&A%M &% DG@ ! IMD DA -@H@&'@ DG@M@ NIH&.&H A'@-DC-@M ADG@-?
F&M@ DGI% .I'AC-IKBJ Q I%L I D-@IDJ FIM MAA% HA%HBCL@L
K@DF@@% DG@ K@BB&P@-@%DM ID ;&IBDA A. FG&HG DG@ B@IL&%P
MD&NCBID&A% FIM DGID 1@%AI MGACBL 3IO@ I% &%L@3%&.&HI?
D&A% .A- DG@ BAMM@M FG&HG DG@ N&-IH&@M A. AG@ A. G@- P-@ID
.@CLIDA-&@M DG@ #AC%D B@3I%%A A. J-IHCM@ GIL &%.B&HD@L
A% $@%@D&I% HA33@-H@ G@ I3AC%D A. DG&M &%L@.D&%&.&
HID&A% FIM .&T@L ID M&T DGACMI%L) 3) Zz A.AC-
3A%@J[

G@ KIDDB@A. -INI%& FG&HG -@'&MI%A GIL FA% C%L@-
MCHG P-@ID L&MIL'I%.IP@M GIL N-AKIKBJ MI'@L #ABA%&I
$@%@DA-C3 .-A%I .IBB&%P &%DA DG@ NAF@-A.DG@ 1@%A@M@
I%L F@ 3IJ -@PI-L&D IM A%@A.DGAM@KIDDB@M FG&HG@MN@?
H&IBBJ -@LAC%L@L DA DG@ PBA-J A.DG@ -@NCKB&H CD ID
DG@ MI3@ D&3@ &D O&%LB@L I .&-@ &% DG@ KAMA3M A.DG@
'I%SC&MG@L FG&HG 3&PGD MA3@D&3@M M3ACBL@-&%L@@L I%L
MA3@D&3@M KC3 BAF J@D FG&HG F@ 3IJ MI.@BJ I.&&-3 FIM
%@'@- @TD&%PC&MG@L FG&B@ 1@%AI -@3I&%@L I %ID&A%

.D@- DG@ @THGI%P@A.DG@ -ID&.&HID&A%M DG@ %@H@MMI-J
&%D&3ID&A% FIM 3IL@A.DG@ .IHD KJ DG@ PA'@-%3@%D A.DG@
;@NCKB&H DA DG@ OAL@MDm A. #A%MDI%D&%ANB@ DG@ <CO@A.
#I%L&I DG@ I&BA A. J-&I I%L IBB DG@ $@%@D&I% HA%MCBM
A- '&H@ HA%MCBM &%DG@ @'I%D FGA F@-@MD-&HDBJ HGI-P@L DA
K@I- &% 3&%L DG@ N-A'&M&A%M A.DG@ D-@IDJ I%L DA GABL
DG@3 &% -@MN@HD R I%L ID DG@ MI3@ D&3@ DG@ ADG@- HA%?
D-IHD&%P NI-DJ &MMC@L I M&3&BI- H&-HCBI- DA IBB DG@ ICDGA?
-&D&@M FGA3 &D 3&PGD HA%H@-% DG-ACPGACD DG@ 1@%A@M@
LA3&%&A%M +

CD DG@ MCHH@MM A.DG@ -@NCKB&H FIM GI-LBJ J@D HA3

NBHD@ .A- DG@ #AC%D A. IBDI FGAM@ &%D@-@MD I%L &%.BC? @%H@ 3IL@ G&3 I .A-3&LIKB@ I%DIPA%&MD MD&BB -@3I&%@L &% DG@ .B@BL 5B&M ABL HA%.@L@-ID@M DG@ 1@%A@M@ GIL &D FIM D-C@ K@@%' L&MIKB@L .-A3 @TD@%L&%P DA G&3 .A- MA3@ D&3@ DG@&- N-AD@HD&A% A- .-A3 I..A-L&%P G&3 I%J IMM&MDI%H@ &% -@PI&%&%P G&M N-AN@-DJ CD &%L@N@%L@%DBJ A. DG@3 O@MHIDA-@ FIM SC&D@ &% I NAM&D&A%' DA -@%L@- G&3M@B.'@TH@@L? &%PBJ D-ACKB@MA3@ KJ .A3@%D&%P .-@MG L&MM@%M&A%M I3A%P DG@ #I%L&ADM >&I%& I%L G&M IL'&M@-M IHD@L F&DG IL3&-I? KB@ QCLP3@%D I%L DIHD C%L@- MCHG H&-HC3MDI%H@M G@J 3IL@ NIH&.&H I%L .BIDD@-&%P A'@-DC-@M DA DG@ HAC%D : @ FIM &%'&D@L DA HA3@ DA $@%&H@ : @ FIM &%'@MD@L F&DG DG@ -&PGDM A. H&D&V@%MG&N %L = &D FIM DG@ H-AF%&%P MD-AO@ = DG@ LICPGD@- A. 1&IHA3A IM@&A NAL@MDm A. #G&AVVI FIM P&'@%' &%' 3I--&IP@ DA DG@ %@NG@F A. : @%-J DG@ "&MG@-3I% F&DG I LAF-J A. ')) Ś J MCHG MA.D I%L N@-MCIM&'@ I-DM &D FIM DGID DG@ &P%A-J L&MI-3@L DGAM@ @%@3&@M F&DG FGA3 '&AB@%D 3@IMC-@M GIL N-A'@L A- F@-@ GO@BJ DA N-A'@ C%I'I&B&%P

@ GI'@ %AF LF@BD ID MC..&H&@%D B@%PDG A%' DG@ I..I&-M A. #I%L I I%L #ABA%&I $@%@DA-C3 &D K@HA3@M D&3@ DA DC-%' AC- IDD@%D&A%' DA I%ADG@- NA&%D

CKM@SC@%DBJ DA &DM .A-3IB NI-D&D&A%' KJ DG@ ID&%M &% DG@ HA%L&D&A%' I%L IMN@HD A. DG@ JVI%D&%@ @3N&-@ GIL C%L@-PA%@ M@'@-IB 3ID@-&IB HGI%P@M GID A%H@ @T? D@%M&'@ 3A%I-HGJ %A BA%P@- -@HAP%&V@L A%@ G@IL &D FIM %A BA%P@- C%L@- DG@ L&-@HD&A%' A. A%@ PA'@-%3@%D G@ L&IL@3 A. DG@ #I@MI-M FIM I N-&V@ HA'@D@L KJ IBB NAM

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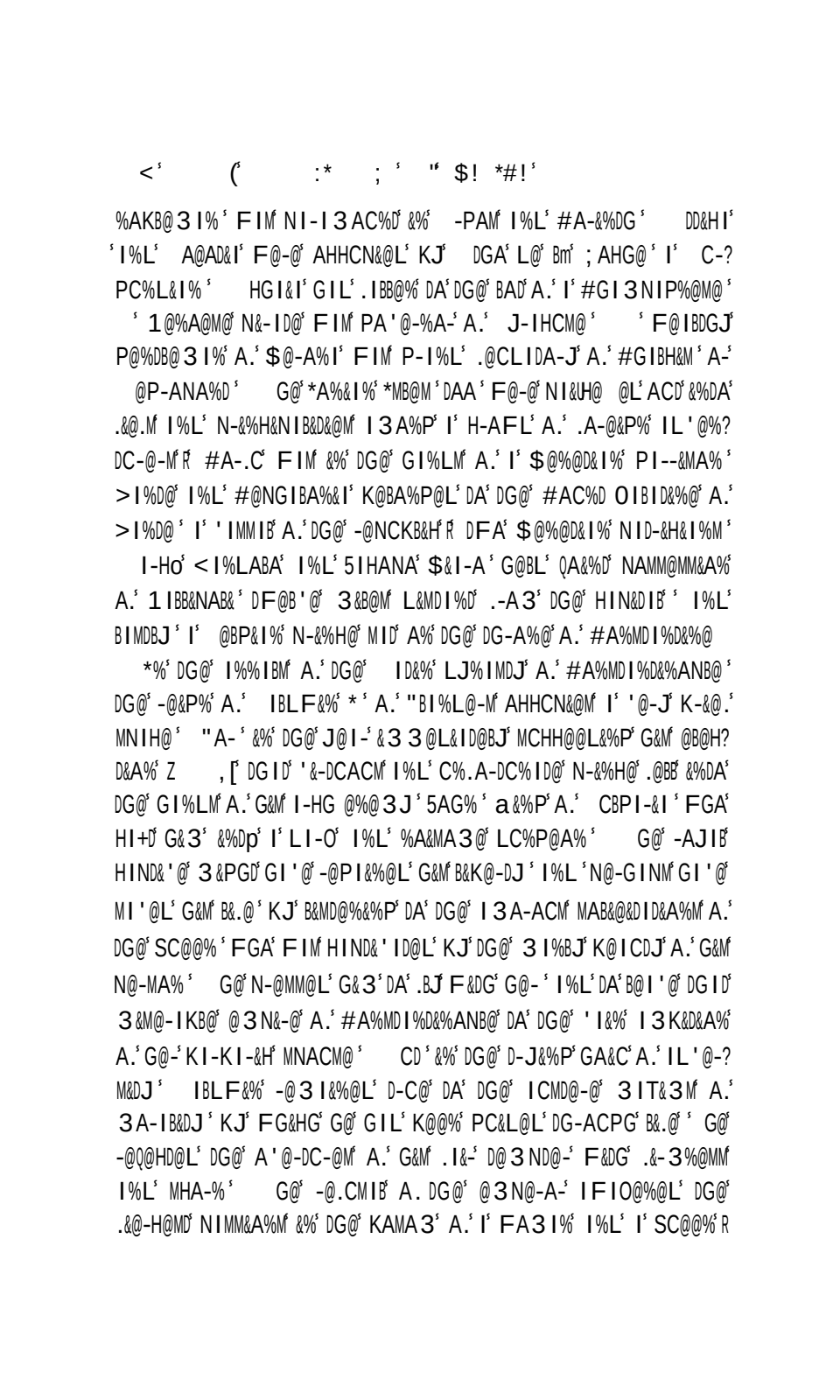

LC-&%P DG@ P-@ ID@- NI-D A.G&M -@&P% DA N-@M@- '@ G&M DG-A%@ F&DG DG@ NAB@3&HIB L&MNCD@M I%L DG@ABAP&HIB HA%D-A'@-M&@M FG&HG IP&DID@L I%L MHI%LIB&V@L DG@ 3HD-ANA M A.DG@ !IMD &% DG@ MI3@ N@-&AL DG@ .A-3@- IB3AMD M@@3@L DA M&%O &%DA &%M&P%&.&HIB&N@ &%H@ DG@ IKQC-ID&A% A.DG@ G@-@MJ A. OGAD&CM DG@ HAC-D A. ;A3@ GIL %@'@- H@IM@L DA C-P@ DG@ ILAND&A% A.DG@ ID&% -&DCIB KJ DG@ HB@-PJ A.#A%MDI%D&? %ANB@ CD DG@ BIDD@- FGA GIL IM I KALJ '&@F@L &% -@IB&DJ F&DG @TD-@3@ L&MMID&M.IHD&A% DG@ D@-3&%ID&A% A.DG@ ABL MHG&M3 I%L DG@ -@HA%H&B&ID&A% FG&HG GIL K@@% 3IL@ I J@I- A- DFA K@.A-@ &% DG@&- %I3@ I%L K@GIB. F&DG DG@ @@ NAMDAB&H L@HBI-@L DG@3M@B'@M MD-A%PBJ I%L P@%@-IBBJ ANNAM@L DA MCHG I 3@IMC-@ IDD@-M MAA% N-AH@@L@L DA @TD-@3&D&@M G@ NINIB B@PID@ O@BIP&CM &MGAN A. BKI IDD@3ND@L DA @%.A-H@ DG@ AK%AT&ACM -&DCIB A% DG@ N@ANB@ G@ A-DGALAT 1-@@OM -AM@ &% -@'ABDR I%L :@%-J DGACPGD &D N-CL@%D DA I'A&L I'H-&M&M KJ HBAM&%P@'@-J NBIH@ A.#G-&M? D&I% FA-MG&N DG-ACPGACD DG@ HIN&DIB I%L &DM MCKC&KM G&M '&AB@%D I%L C%NANCBI- -@3@LJ GAF@'@- DG-@ID@%@L DA N-ALCH@ @..@HDM &%.&%&D@BJ FA-M@ DGI% DG@ @'&B &DM@B. I LA? 3@MD&H -@'ABCD&A% 3&PGD K@ M@-&ACMBJ INN-@G@%L@L C%B@MM DG@ @3N@-A- -@MH&%L@L G&M @L&HDR I%L :@%-J FIM AKB&P@L F&DG -@BCHDI%H@ DA KAF K@.A-@ DG@ MDA-3

%ADG@- HICM@ A.L&MIP-@@3@%D K@DF@@% DG@ DID@ I%L DG@ #GC-HG FIM DG@ NIJ3@%D A.D&DG@M $@-J .@F A.DG@ D%H3K@-M A.DG@ !IMD@-% HA33C%&A% F@-@ @TIHDBJ IH? SCI&%D@L F&DG DG@ %IDC-@ A.DG@&- AKB&PID&A%M &% DG&M -@? MN@HD R DG@ $@%@D&I%M A% DG@&- NI-D IBDAP@DG@- L@HB&%@L DA

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-@HAP%&V@ DB&@ HBI&3 I%L *%%AH@%D FIM DAA M@%M&KB@ I 3I% %AD DA .@@B DGID &D FACBL K@ IKMC-L DA @%.A-H@ &D G@ -@? NCKB&H GAF@'@- FIM IBMA &%HB&%@L DA DG@ AN&%&A% DGID MG@ ACPGD DA &%M&MD A% I -&P&L ILG@-@%H@ DA DG@ HBICM@ &% DG@ D-@IDJ A. I-HG FG&HG N-@MH-&K@LR DGID $@%@D&I% MCKQ@HDM A%BJ MGACBL K@ @B&P&KB@ DG@%H@.A-DG .A- N-@.@-? 3@%D DA M@@M I%L ADG@- K@%@.&H@M &% DG@ ! IMD@-% #GC-HG CD &D M@@3M DGID DG@ OID-&I-HG A-AM&%& FIM L&MNAM@L DA L@.@- &% DG&M NI-D&HCBI- DA DG@ P@%@-IB F&MG@M I%L .@@B? &%PM+ A. DG@ ID&% HB@-PJ I%L &D &M N-AKIKB@ DGID DG@ $@%@D&I% PA'@-%3@%D .AC%L &D %@H@MMI-J &% 3I%J HIM@M DA .A-@PA DG@ @THBCM&'@ I%L &%'&L&ACM N-&'&B@P@ *%' .IHD A% DG@ L@3&M@ A. A-AM&%& G&3M@B.&% F@ .&%L DGID IBDGACPG DG@ %I3@M A. %A .@F@- DGI% DG-@@ $@%@D&I% HGC-HG3@%+ F@-@ MCK3&DD@L DA G&M : AB&%@MM KJ DG@ J%AL A. #A%MDI%D&%ANB@ DG@ NAN@ M@D DG@3 IB IM&L@ A% DG@ P@? %@-IB P-AC%L A. L&MSCIB&.&HID&A% FG&B@ G@ HA%.@--@L DG@ 'IHI%D NIBB&C3 A% I CMHI% N-&@MD G@M@ I%L ADG@-M FG&HG &D GI-LBJ HA3@M F&DG&% DG@ MHAN@ A. DG@ N-@M@%D FA-O DA L&MHCMM F@-@ DG@ NA&%DM A. L&..@-@%H@ FG&HG IP&? DID@L #A%MDI%D&%ANB@ LC-&%P DG@ -@&P% A. DG@ ! 3N@-A- : @%-JR I%L DG@J F@-@ KCD &3N@-.@HDBJ ILQCMD@L KJ I HA%HA-LID -ID&.&@L &% KJ FG&HG DG@ -&PGDM A. DG@ #GC-HG F@-@ IHO%AFB@LP@L I%L -@MDA-@LR KJ FG&HG DG@ IKK@JM I%L 3A%IMD@-&@M IDDIHG@L DA DG@ 1-@@O HA33C%&A% F@-@ .-@@L .-A3 D@3NA-IB QC-&ML&HD&A%R I%L DG@ NIJ3@%D DA DG@ HB@-PJ A. D&DG@M A- F@ MGACBL -IDG@- MIJ A. .&.D@@%DGM

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*D' &M' &3NAMM&KB@' GAF@'@-' DA' L&MPC&M@' DG@' .IHD' DGID' DG@' NAF@-' A.' DG@' IBLF&%M' I%L' DG@' #AC-D@%IJM' FIM' DA' I' BI-P@' @TD@%D' NC-@BJ' AMD@%M&KB@' G@' -@IB' 3IMD@-' A.' #A%MDI%D&?%ANB@' LC-&%P' DG@' .&-MD' SCI-D@-' A.' DG@' DG&-D@@%DG' H@%DC-J' FIM' DG@' $@%@D&I%' OAL@MDm' G&M' G&PG' I%L&&3NA-DI%D' .C%H?D&A%I-J' FGA' FIM' HGAM@%' KJ' DG@' 1-@ID' #AC%H&B' I3A%P' &DM' AF%' 3@3K@-M' FIM' IMM&MD@L' B&O@' DG@' LAP@' G&3M@B.' KJ' I' 0-&'J' #AC%H&B' &%' FGAM@' %I3@' G@' IHD@L' I%L' F&DGACD' FGAM@' MI%HD&A%' G&M' IHDM' F@-@' %AD' MD-&HDBJ' 'IB&L' G@' MDI..' C%L@-' G&M' HGI-P@' HA%M&MD@L' A.' M&T' QCLP@M' DFA' IL'AHID@M' A%@' HA%?D-ABB@-' A.' DG@' "&MH' I' 0-A'@L&DA-' FGAM@' HA33&MM&A%' FIM' DA' IMMC3@' DG@' HA331%L' A.' I%J' %I'IB' .A-H@M' FG&HG' DG@' -@NCK H' 3&PGD' .&%L' &D' %@H@MMI-J' DA' M@%L' DA' DG@' AMNGA-CM' A-' DA' 31&%DI&%' A%' DGID' MDID&A%' I%L' I' 3&B&DI-J' A..&H@-' FGA' DAAO' DG@' D&DB@' A.' #A%MDIKB@' *D' FIM' DG@' N-A'&%H@' A.' DG@' OAL@MDm' DA' @T@-H&M@' I' P@%@-IB' MCN@-'&M&A%' A'@-' DG@' $@%@?D&I%' "IHDA-J' A.' FGAM@' F@B.I-@' I%L' &%D@-@MDM' G@' FIM' HA%?M&L@-@L' IM' @MN@H&IBBJ' DG@' PCI-L&I%' I%L' N-AD@HDA-' BB' DG@' I&B&' HA%MCBM' I%L' '&H@ HA%MCBM' FGA' A..&H&ID@L' IM' DG@' -@?N-@M@%DID&'@M' A.' DG@' &P%A-J' &%' DG@' NA-DM' A.' J-&I' !PJND' O@-M&I' I%L' DG@' @'I%D' F@-@' I3@%IKB@' DA' G&M' QC-&ML&HD&A% +' &DG' G&3' DG@J' HA33&3&HID@L' A%' IBB' L@DI&BM' HA%%@HD@L' F&DG' DG@' L&MHGI-P@' A.' DG@&-' 'I-&ACM' .C%HD&A%M' A' G&3' DG@J' -@?.@--@L' &%' HIM@M' A.' L&..&HCBDJ' A-' @3@-P@%HJ' %J' LACKD.CB' NA&%D' A.' @SC&DJ' FG&HG' 3&PGD' I-&M@' I%J' SC@MD&A%M' A.' I' H&'&B' A-' H-&3&%IB' %IDC-@' A%' FG&HG' DG@' QCL&H&IB' K@%HG' FIM' C%IKB@' DA' IP-@@' I%L' .&%IBBJ' I%J' MC&DM' A-' D&PID&A%M' FG&HG' N-@M@%D@L' .@IDC-@M' A.' &%D-&HIHJ' A-' N@HCB&I-&DJ' A.' H&-@3%' MDIQ&H@' F@-@' MCK3&DD@L' .A-' G&M' L@H&M&A%R' I%L' .-A3' G&3' DG@

MCHH@MMA-ʻ DGACPGʻ A.ʻ I%ʻ &-IMH&KB@ʻ D@3N@-ʻ I%Lʻ Iʻ GICPGDJʻ L&MNAM&D&A%ʻ FIMʻ Iʻ 3I%ʻ A.ʻ P-@IDʻ B@PIBʻ IDDI&%3@%DMʻ IMʻ F@BBʻ IMʻ A.ʻ MCN@-&A-ʻ NI-DMʻ I%Lʻ IMʻ F@ʻ MGIBBʻ GI'@ʻ AHHIM&A%ʻ G@-@? I.D@-ʻ DAʻ AKM@-'@ʻ &Dʻ FIMʻ &@NABAʻ &%ʻ HA%QC%HD&A%ʻ F&DGʻ Iʻ .@Fʻ ADG@-ʻ @3&%@%Dʻ QC-&MHA%MCBDMʻ A.ʻ DG@ʻ N@-&ALʻ FGAʻ 3IL@ʻ DG@ʻ @I-B&@MDʻ MJMD@3ID&Hʻ IDD@3NDʻ DAʻ L&P@MDʻ I%Lʻ HA%MAB&LID@ʻ DG@ʻ BIFMʻ A.ʻ DG@ʻ -@NCKB&H

G@ʻ J@I-ʻ ʻ FIMʻ BA%Pʻ -@3@3K@-@Lʻ &%ʻ *DIBJʻ IMʻ DG@ʻ J@I-ʻ A.ʻQCK&B@@ʻ I%Lʻ -@QA&H&%Pʻ &%ʻ H@B@K-ID&A%ʻ A.ʻDG@ʻ P@%@-IBʻ N@IH@ +ʻ FG&HGʻ GINN&BJʻ N-@'I&B@Lʻ IDʻ DGIDʻ @NAHGR I%Lʻ&%ʻ IBBʻ DG@ʻ N-&%H&NIB H&D&@Mʻ A.ʻ DG@ʻ O@%&%MCBIʻ DG@Jʻ GIL'HA33@3A? -ID@Lʻ DG@ʻ ICMN&H&ACMʻ AHHIM&A%ʻ F&DGʻ .@D@Mʻ I%Lʻ PIBIMʻ A.ʻ@'@-Jʻ O&%Lʻ ʻ G@ʻ P-@ID@MDʻ I%Lʻ 3AMDʻ &3NAM&%Pʻ MN@HDIHB@ʻ GAF? @'@-ʻ FIMʻ N-@M@%D@Lʻ DG@Jʻ MIJʻ IDʻ -@'&MAʻ FG@-@ʻ DAC-%I? 3@%DMʻ I%Lʻ QACMDMʻ F@-@ʻ G@BLʻ PI3@Mʻ 3I%BJʻ MNA-DMʻ MGI3ʻ .&PGDMʻ I%Lʻ 3&3&Hʻ -@N-@M@%DID&A%Mʻ Q I%Lʻ DAʻ -@'&MAʻ &Dʻ FIMʻ DG@-@.A-@ʻ DGIDʻ 3AMDʻ A.ʻ DG@ʻ %AKB@Mʻ I%Lʻ P@%D-Jʻ A.ʻ $@%&H@ʻ I%Lʻ OILCIʻ HI3@ʻ F&DGʻ DG@&-ʻ 3&MD-@MM@Mʻ I%Lʻ M@-'&%P 3@%ʻ DAʻ 3IO@ʻ D-&IBʻ A.ʻ DG@&-ʻ O%&PGDGAALʻ I%Lʻ DAʻ F&%ʻ .I'AC-ʻ&%ʻ DG@ʻ @J@Mʻ A.ʻ DGAM@ʻ DG@Jʻ BA'@Lʻ K@MDʻ G@ʻ FGAB@ʻ MH@%@ʻ&%ʻ D-CDGʻ FIMʻ .C ʻ A.ʻ B&.@ʻ PI&@DJʻ I%Lʻ NB@IMC-@ʻ CDʻ KJʻ P@%@-IBʻ IH? O%AFB@LP3@%Dʻ DG@ʻ B@ILE&%Pʻ IDD-IHD&A%ʻ &%ʻ DG@M@ʻ .@MD&'&D&@Mʻ FIMʻ DG@ʻ 3AHO M&@P@ʻ FG&HGʻ FIMʻ .A-3@Lʻ A%ʻ DG@ʻ SCI-@ʻ A.ʻ N&%@LI ʻ "A-ʻ G@-@ʻ FIMʻ @-@HD@Lʻ Iʻ GCP@ʻ HIMDB@ʻ F&DGʻ &DMʻ NA-DHCBB&Mʻ &DMʻ KIDDB@3@%DMʻ I%Lʻ &DMʻ DC--@DMʻ ʻ I%Lʻ DG&Mʻ HIMDB@ʻ FIMʻ PI--&MA%@L = %ADʻ F&DGʻ MABL&@-Mʻ A.ʻ FGA3ʻ DG@-@ʻ F@-@ʻ %A%+ʻ KCDʻ F&DGʻ DG@ʻ BA'@B&@MDʻ BIL&@Mʻ DGIDʻ HACBLʻ K@ʻ .AC%Lʻ&%

G] ʻ7 5ʻ* >><:Xʻ 9 ʻ7,ʻ* <:Yʻ2 Z ʻ - N ʻ* ><:Xʻ ʻ$ ʻ7ʻ/ :Yʻ 3 ʻ7 +ʻ ʻ, ʻ* D: Q 2 ʻ. ʻ ʻ,ʻ* <

IBB -@'&MA G@ K@M&@P@-M .A- DG@&- NI-D L&'&L@L DG@3? M@B'@M &%DA DG-@@ HA3NI%&@M DG@-@ FIM DG@ $@%@D&I%' HA3? NI%J DG@ OILCI%' HA3NI%J I%L DG@ -@'&MI%' HA3NI%JR I%L DG@J IBB IL'I%H@L &%' I KALJ DA DG@ IMMICBD AF @IHG A.DG@ HAG&NI%&@M FIM %IDC-IBBJ @SCIBBJ I3K&D&ACM A. MG@F&%P &%' DG@ N-@M@%H@ A.DG@&-.I&-MN@HDIDA-M DG@P-@ID? @MD N-AF@MM I%L &%D-@N&L&DJ &%' DG@ HINDC-@ A.DG@ HIMDB@R DG@ BIL&@M DG@3M@B'@M F@-@ HA%MD&DCD@L I-K&D-@MM@M A.DG@ HA3? KID %L &D GINN@%@L DGID I.D@- I BA%P D-&IB A.MO&BB I%L MD-@%PDG DG@ .&-MD AKDI&%@L DG@ 3IMD@-J FG@-@CNA%' DG@ N-&V@ A.PIBBI%D-J FIM ILQCLP@L DA DG@3R I%L DG@ MDI%L? I-L A. I&%D I-O FIM MAA%' GA&MD@L IM I M&P%' A.'&HDA-J A%' DG@ G&PG@MD+AF@- A.DG@ N&%@LI G@ $@%@D&I%M F@-@ A'@-QAJ@L ID DG@&- PAAL .A-DC%@R DA GI'@ HI--&@L A..DG@ 3@@L A.'IBAC- &%' MCHG I N-@M@%H@ FIM P-ID&.J&%P &%L@@L %' DG@ ADG@- GI%L %ADG&%P HACBL @TH@@L DG@ HGIP-&%' I%L 3A-D&.&HID&A%' A.DG@&- C%MCHH@MM.CB -&'IBM FGA L&L %AD .I&B DA IDD-&KCD@ DG@ D-&C3NG A.DG@ &MBI%L@-M DA I%' C%QCMD I%L NI-D&IB IFI-L d G@ $@%@D&I%M K DG@J MI&L d GIL PI&%@L DG@ LIJ KJ DG@ N-@M@%DM FG&HG DG@J GIL L&MD-&KCD@L F&DG MA BI'&MG I G.D%L I3A%P DG@ BIL&@M &%' DG@ HIMDB@I%L .-@D.CB NIM? M&A%' .A-H@L DG@&- FIJ &%DA DG@ N&%@LI I%L M%IDHG&%P DG@ $@%@D&I%' KI%%@- .-A3 DG@ GI%LM A.A%@ B.&@-& FGA KA-@ &D -@%D &D DA IDA3M + G@'&HDA-M .@BD DG IDDG@J HACBL I..A-L DA B@I'@ @'@%' DG&M P-AMM I..-A%D C%HGIMD&V@L CD DG@ ICDGA-M A.DG@ ACD-IP@ F@-@ %AD J@D MID&M.&@L *%' HA%H@-D F&DG DG@ -@'&MI%M FGA -@IL&BJ @TD@%L@L DA DG@3 DG@&-

MJ3NIDGJ I%L MCNNA-D DG@ OILCI%M .A-3@L MGA-DBJ I.D@-?
FI-LM I MHG@3@ .A- 3IO&%P I L@MH@%D A% DG@ $@%@D&I% .A-?
D-@MM A. AK@ A% DG@ -@%DI FG&HG DG@J N-AKIKBJ M@B@HD@L
IM DG@ 3AMD HA%'@%&@%D I%L 3AMD @TNAM@L NA&%D A. IDDIHO
G@&- NBI%M GAF@'@- F@-@ DGA-ACPGBJ L&MHA%H@-D@L
"A- &% DG@ 3@I%FG&B@ DG@ <AP@ >&I%& GI'&%P -@H@&'@L
M@H-@D &%D@BB&P@%H@ A. DG@ DC-% FG&HG I..I&-M GIL DIO@% ID
-@'&MA I%L GI'&%P K@@% INN-&M@L DGID DG@ L&MINNA&%D@L
HA3N@D&DA-M IDDG@ M&@P@ A% DG@ N&%@LI HA%D@3NBID@L I%
@THC-M&A% A. I GAMD&B@ HGI-IHD@- &% DG@ L&-@HD&A% A. DG@
-@%DI GIL DIO@% N-A3ND MD@NM DA MD-@%PDG@% DG@ DG-@ID?
@%@L NAM&D&A% I%L I HA%M&L@-IKB@ -@&%.A-H@3@%D A. D-AANM
GIL K@@% IHHA-L&%PBJ L@MNIDHG@L DA @K@ &P+&L@- DG@ A-L@-M
A. I-HA >A-VI%A + >A-VI%A GAF@'@- FIM %AD IKB@ .A-
I%J B@%PDG A. D&3@ DA 3I&%DI&% G&M P-AC%L IPI&%MD DG@
P-@IDBJ MCN@-&A- %C3K@-M A. DG@ IBB&@M I%L &D FIM K@HA3?
&%P 3A-@ I%L 3A-@ N-AKIKB@ DGID G@ ACBL K@ HA3N@BB@L
I.D@- IBB DA IKI%LA% DG@ NBIH@ FG@% G&M INN-@G@%M&A%M
F@-@ C%@TN@HD@LBJ -@3A'@L KJ DG@ I--&'IB Z %L HDAK@-
+ A. I MD-A%P KALJ A. #G&APP&I%M C%L@- DG@ A-L@-M
A. DG@&- AF% OAL@MDm 1&IHA3A IM@&A GW BIDD@- &D IN?
N@I-@L FIM %AD IHD&%P C%L@- I%J &%MD-CHD&A%M FG&HG G@
GIL -@H@&'@L .-A3 DG@ PA'@-%3@%D KCD DG@ M&3NB@ D-CDG
FIM DGID A% B@I-%&%P DG@ L&MD-@MM@L M&DCID&A% A. DGh $@%@?
D&I% HA33I%L@- ID @K@ G@ GIL HIBB@L ACD DG@ 3&B&D&I A%
G&M AF% -@MNA%M&K&B&DJ I%L 3I-HG@L DA G&M -@B&@. &DG
DG@ IMM&MDI%H@ A. IM@&A DG@ @%@3J FIM MN@@L&BJ -ACD@L
I%L NCD DA .B&PGD F&DG I BAMM A. .AC- GC%L-@L N-&MA%@-M R

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I-&Lʻ I.D@-ʻ MA3@ʻ L&..&HCBDJʻ I%Lʻ L@BIJʻ Iʻ D-CH@ʻ A.ʻ.&'@ʻ J@I-Mʻ 'JI+ʻ M@NI-ID@BJʻ HA%HBCL@Lʻ K@DF@@%ʻ DG@ʻ -@NCKB&Hʻ I%Lʻ DG@ʻ 3C%&H&NIBʻ ICDGA-&D&@Mʻ A.ʻ OILCIʻ I%Lʻ -@'&MAʻ G@ʻ HIND&'@Mʻ F@-@ʻ I.D@-FI-LMʻ B&K@-ID@Lʻ F&DGACDʻ -I%MA3

A-ʻ FIMʻ DG NID-&AD&Hʻ V@IBʻ A.ʻ DG@ʻ #G&APP&I%Mʻ B@.Dʻ C%-@? FI-L@Lʻ "A-ʻ DG@ʻ LAP@ʻ IHHA-L@Lʻ DAʻ DG@3ʻ DG@ʻ N-&'&B@P@ʻ A.ʻ @B@HD&%Pʻ DG@%H@.A-FI-Lʻ DG@&-ʻ AF%ʻ NAL@MD@ʻ R I%Lʻ DG@Jʻ F@-@ʻ IDʻ DG@ʻ MI3@ʻ D&3@ʻ -@B&@'@Lʻ .-A3ʻ DG@ʻ I%%CIBʻ NABB DITʻ A.ʻ DG-@@ʻ G@%M +ʻ FG&HGʻ DG@Jʻ GILʻ K@@%ʻ IHHCMDA3@Lʻ I%Lʻ -@? SC&-@Lʻ .-A3ʻ Iʻ N@-&ALʻ &33@3A-&IBʻ DAʻ -@3&Dʻ DAʻ DG@ʻ LCHIBʻ .&MHʻ G@ʻ .&-MDʻ OAL@MDIʻ A.ʻ #G&APP&Iʻ FGAʻ FIMʻ HGAM@%ʻ KJʻ '&-DC@ʻ A.ʻ DG@ʻ %@Fʻ .-I%HG&M@ʻ KJʻ G&Mʻ AF%ʻ DAF%M3@%ʻ M@@3Mʻ DAʻ GI'@MCHH@@L@Lʻ 1&IHA3Aʻ IM@&Aʻ&%ʻ 8ʻ ʻ G&Mʻ %I3@ʻ FIMʻ I-&%Aʻ 5IHAK@ +ʻ %Lʻ F@ MGACBLʻ ILLʻ DG IDʻ G&Mʻ MCHH@MMA-ʻ &%ʻ DG@ʻ 3IP&MD-IHJʻ FIMʻ DG IDʻ OI%DIB@A &@ʻ I-KAʻ DAʻ FGAM@ NAF@-.CBʻ L@HBI3ID&A%ʻ&Dʻ FIMʻ AF&%Pʻ DG IDʻ DG@ʻ <AP@ʻ <I%LABAʻ GILʻ %ADʻ K@@%ʻ -I&M@Lʻ &%ʻ ʻ DAʻ DG@ʻ DG-A%@ʻ A.ʻ DG@ʻ @3N&-@ e

O&@D-Aʻ >&I%&ʻ B&'@Lʻ DAʻ M@@ʻ Iʻ .-@MGʻ ACDKC-MDʻ A.ʻ NANCBI-ʻ .@@B&%Pʻ &% #I%L&Iʻ FG&HGʻ NI-DBJʻ N@-GINMʻ .-A3ʻ HICM@Mʻ A'@-ʻ FG&HGʻ MG@ʻ GILʻ B&DDB@ʻ A-ʻ %Aʻ HA%D-ABʻ DGACPGʻ &%ʻ N-&%H&NIBʻ 3@IMC-@ʻ &Dʻ 3CMD K@ʻ HA%.@MM@Lʻ .-A3ʻ DG@ʻ HA33@-H&IBʻ I%Lʻ NAB&D&HIBʻ 3A%ANABJʻ FG&HGʻ DG@ʻ -@NCKB&Hʻ MACPGDʻ DAʻ @MDIKB&MGʻ &%ʻ DG@ʻ &MBI%Lʻ GILʻ K@HA3@ʻ C%L@-ʻ G@-ʻ LA3&%ID&A%ʻ Iʻ GAD? K@Lʻ A.ʻ .IHD&A%ʻ I%Lʻ Iʻ %C-M@-Jʻ A.ʻ L&MHA%D@%D@Lʻ I%Lʻ DC-KC? B@%Dʻ IP&DIDA-Mʻ G@ʻ G@Fʻ 3A'@3@%Dʻ FIMʻ IBMAʻ &%MD&PID@L

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KJ' P&AM' D@.I%&DAMR I%L'&D' FIM' P@%@-IBBJ' K@B&@'@L' DGID' &D' FIM' M@H-@DBJ' HAC%D@%I%H@L' KJ' DG@' ! 3N@-A-' A. &HI@I' 5AG%' $IDIH@M' IBDGACPG' DGID' N-&%H@' -@.-I&%@L' .A-' AK'&ACM' -@IMA%M' .-A3' B@%L&%P' &DM' ICDGA-M' I%J' IHD&'@' MCNNA-D' A-' AN@%' @%HAC-IP@3@%D' G@' MN&-&D' A.' L&MI&.@HD&A%' MN-@IL' F&DG' -IN&L&DJR' DG@' -I%OM' A.' D@.I%&DAM' .&BB@L' .IMDR' I%L' 5IHANA' &@NABA' FGA' MD&BB' -@DI&%@L' DG@' PA'@-%3@%D' A.' #I%' L&I' .@@B&%P' B&&3M@B.' C%@SCIB' DA' DG@' DIMO' A.' ANNAM&%P' DG@' -@K@BM' M&%PB@ GI%L@L' INNB&@L' .A-' MCHHAC-' DA' G&M' N-@L@? H@MMA-' I-HA' IcCLA'<CO@' A.' DG@' -HG&N@BIPA' FGA' FIM' ID' N-@M@%D' -@M&L&%P' A%' G&M' %@FBJ' IHSC&-@L' N-AN@-DJ' ID' ITAM' IcCLA' -@MNA%L@L' F&DG' IBIH-&DJ' DA' DG@' HIBBR' DG@' I&L' -@SC&-@L' FIM' N-A3NDBJ' -@%L@-@LR' I%L' DG@'&%MC-P@%DM' F@-@' IB-@ILJ' K@P&%%&%P' DA' FI'@-' FG@%' DG@' LCO@'A..@%L@L' IM' &D' M@@3M' KJ' DG@' MCN@-H&B&ACM' I&-' A.' &@NABA' MCLL@%BJ' F&DGL-@F' G&M' MCNNA-D' I%L' F@%D' A'@-' DA' DG@' @%@3J' G@' -@MCBDM' A.' IcCLAM' L@.@HD&A%' 3&PGD' GI'@' K@@%' .A-@M@@%' G@' GAN@M' A.' DG@' #I%L&A'DM' -@'&'@L'&3L@-' DG@&-' %@F' B@IL@-R' DG@J' MN@@L&BJ' -@HA'@-@L' DG@&-' BAMD' P-AC%LR' I%L' DG@' PA? '@-%A-' FIM' ID' BIMD' HA3N@B@L' DA' DIO@' -@.CP@' &%' G&M' NIBIH@' FG@%H@' G@' @..@HD@L' G&M' @MHIN@' MGA-DBJ' I.D@-FI-LM' &%' FA? 3I%UM' HBADG@M' I%L' N-AKIKBJ' C%L@-' HA'@-' A.' DG@' LI-O%@MM' DA' DG@' %@&PGKAC-&%P' HIMDB@' A.' @3ILA

CD' &@NABAUM' L@MNIDHG'&%.A-3&%P' DG@' $@%@D&I%' PA'@-%? 3@%D' A.' DG@' NAMDC-@' A.' I..I&-M' &%' #I%L&I'GIL' &%' DG@' 3@I%? FG&B@' -@IHG@L' &DM' L@MD&%ID&A%R' I%L' I' BI-P@' KALJ' A.' D-AANM' GIL' K@@%' ID' A%H@' M@%D' DA' -@LCH@' DG@' &%MC-P@%DM' DA' MCK? 3&MM&A%' I%L' DA' -@B&@'@' DG@' PA'@-%A-' .-A3' G&M' N@-&BACM' I%L' C%NB@IMI%D' M&DCID&A%' G@' MN@@LJ' I--&' IB' A.' DG@M@' -@&%.A-H@? 3@%DM' FG&HG' F@-@' C%L@-' DG@' QA&%D' HA33I%L' A.' I-HA

_C&-&%& I%L @KIMD&I%A ADb%&HA -@MDA-@L D-I%SC&BB&DJ .A- I MGA-D D&3@R IcCLA I%L DG@ IT&ADM F@-@ .A-H@L DA -@ @3KI-O &% N-@H&N&DID@ GIMD@R I%L &@NABA FIM -@&%? MDID@L &% G&M ICDGA-&DJ CD DG@ HAC-IP@ A. DG@ -@K@BM FIM .I- .-A3 +&%P SC@BB@L D@.I%&DAM MD&BB 3I&%DI&%@L I% IDD&DCL@ A. GAMD&B@ L@.&I%H@R I%L DG@ D-AANM A. DG@ -@NCKB&H MC..@-@L 3AMD M@'@-@BJ K@.A-@ N@IH@ HACBL K@ DGA-ACPGBJ -@ @MDIKB&MG@L G@BID@&%MC--@HD&A%I-J 3A'@ 3@-&D GIL N-AH@@L@L&.F@ 31J H-@L&D I'IP&@-A+ .&A3 I P@%@-IB MHI-H&DJ FG&HG N-@'I&B@L&% #I%L&I ID DGID N@-&ALR I%L &D 3&PGD IBMA K@ .I&-BJ IMH-&K@L &% MA3@ 3@IM3@ DA DG@ -@MDB@MM I%L I%P-J L&MHA%D@%D F&DG FG&HG DG@ #I% L&ADM %IDC-IBBJ '&@F@L DG@ @MDIKB&MG3@%D A. I HABA%J A. .A-@&P%@-M &% DG@ G@I-D A.DG@&-HAC%D-J CD FG@DG@-DG@ L@NBA-IKB@ -@MCBDM A.DGID 3A'@3@%D F@-@ D-IH@IKB@ DA I FI%D A.@%@-PJ I%L V@IB A% DG@ NI-D A.DG@ PA'@-%A- F@ I-@ C%IKB@ DA L@D@-3&%@ D IBB@'@%DM DG@ &P%A-J M@@3M DA GI'@ DGACPGD DGID MG@ GIL -@IMA% DA K@ L&MMID&M.&@L F&DG DG@ HA%LCHD A. &@NABA &% DG@ I..I&-Q I%L G@ -@H@&'@L MGA-DBJ I.D@-FI-LM I% A-L@- A. -@HI 0IABA _C&-&%& FIM M@%D DA #I%L&I &S G&M MD@IL *D FIM %AD BA%P GAF@'@- K@.A-@ I M&3&BI- A-L@- -@IHG@L _C&-&%& G&3M@B. FGA FIM -@NBIH@L KJ 1C&LA &HG&@B&R I%L &%L@@L F@AKM@-'@DGID MCKM@SC@%DBJ DA DG&M N@-&AL I P@%@-IB -CB@ FIM @MDIKB&MG@L KJ FG&HG I %@F PA'@-%A- FIM M@%D ACD DA #ABA%&I $@%@ DA-C3@'@-J DFA J@I-M

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*%' IBB N-AKIK&B&DJ '&D' FIM' I' MGA-D' D&3@' I.D@-' DG@' M@HA%L'
-@'ABD' A.' P&AM' D@.I%&DAM' DGID' DG@' .I3ACM' L@KID@' DAAO'
NBIH@' &%' DG@' 1-@ID' #AC%H&B' FG&HG' GIM' K@@%' -@NA-D@L' KJ'
I-KI-A' I%L' D-I%MBID@L' KJ' <I3' %@' LIJ' LC-&%P' DG@'
L@NBA-IKB@' -@&P%' A.' DG@' M@HA%L' A.' DG@' #AC-D@%IJM' ZF@'
SCAD@' DG@' BIDD@-' F-&D@-[' DG@' <AP@' >&I%&' &%'&D@L' DG@' N-&%?
H&NIB' 3@%' &%' $@%&H@' DA' DG@' NIBIH@' I%L' FG@%' DG@J' GIL' IBB'
IMM@3KB@L' G@' MAB&H&D@L' DG@3' DA' P&'@' DG@&-' @I-%@MD' IDD@%?
D&A%' DA' I' NA&%D' A%' FG&HG' G@' F&MG@L' DA' ILL-@MM' DG@3' I%L'
FG&HG' G@' GIL' K@@%' MA3@'D&3@' -@'AB'&%P'&%' G&M' AF%' 3&%L'
G&M' NA&%D'&D' INN@I-@L' FIM' %ADG&%P'B@MM' DGI%' DG@' D-I%M.@-'
A.'DG@' M@ID' A.'DG@' -@NCKB&H' .-A3' $@%&H@' DA' #A%MDI%D&%ANB@R+'
DG@' 'F@-@' %IDC-IBBJ' DIO@%' KJ' MC-N-&M@R' I%L' DG@-@'
FIM' A%@' FGA' &.' G@' FIM' I3A%P' DGAM@' N-@M@%D' A%' DG&M'
3@3A-IKB@' AHHIM&A%' 3&PGD' M3&B@' IM' G@' -@HIBB@L' DG@' GIB.'
N-ANG@D&H' FA-LM' FG&HG' G@' GIL' N-A%AC%H@L' DF@%DJ' J@I-M'
K@.A-@'&%' DG@' HGIN@B' A.'DG@' CHAB@A%' d' GA' HI%' IMMC-@'
CM k' OI%DIB@A%@' I-KA' GIL' DG@%' MI&L' d'DGID' $@%&H@' F&BB'
%AD' K@' H-CMG@L' @'@%DCIBBJ' K@%@IDG' DG@' F@&PGD' A.'DG@' @3?
N&-@' I%L' DGID' DG@' M@ID' A.' DG@' -@NCKB&H' F&BB' %AD' K@' D-I%M?
.@--@L' DA' #A%MDI%D&%ANB@'^k' >&I%&'GAF@'@-' -@N-@M@%D@L'
&%' MCNNA-D' A.'G&M' '&@FM' DG@' P-@ID' L&MN-ANA-D&A%' FG&HG' @&+'
&MD@L' K@DF@@%' DG@' 3ADG@- HAC%D-J' I%L' G@-' %@F' HABA%&@MR'
G@' H&D@L' DG@' .-@SC@%D' -@'ABDM' A.'#I%L I' DG@' MN&-&D' A.'L&M?
I..@HD&A%' DA' DG@' $@%@D&I%M' FG&HG' N-@'I&B@L' &%' DG@' &MBI%L'
I%L' DG@' N-@HI-&ACM' D@%C-@' KJ' FG&HG' DG@J' G@BL' #ABA%&I'
$@%@DA-C3' ID' DG@' N-@M@%D' GAC-' %L' G@' '@%DC-@L' DA' N-@

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L&@D DGID DG@ -@'@-M@M FG&HG DG@ &P%A-J GIL @TN@-&@%H@L &% #I%L I FACBL K@.IB DG@3 MAA%@-A-BID@- &% DG@&-ADG@- LHN@%LW%H&@M : @MBQ@F@L DG@3 DG@.@@KB@%@MM A.DG@ ID&% LJ%IMDJ &% FG&HG DG@ M@@LM A. L@HIJ GIL IB-@ILJ K@PC% DA 3I%&.@MD DG@3M@B'@M DG@ &3K@H&B@ HGI-IHD@-A. ; AK@-D #AC-D@%IJ I%L DG@ C%N-AD@HD@L M&DCID&A% A. DG@&- @MDI? KB&MG3@%DM &% DG@ @'I%D % DG@ ADG@-GI%L G@ @%C3@? -ID@L DG@ 'I-&ACM I%L 3I%&.ABL IL'I%DIP@M FG&HG FACBL I-&M@ .-A3 DG@ N-ANAM@L D-I%M.@- %L FG@% DG@ LAP@ GIL DGCM N-@NI-@L DG@ 3A-@ DG&%O&%P NA-D&A% A. G&M .CDC-@ ICL&DA-J .A- DG@ &3NA-DI%D 3@IMC-@ FG&HG G@ HA%D@3? NBID@L I%L GIL B@I-%@L DG@&- P@%@-IB M@%D&3@%DM -@PI-L? &%P &D G@ HA%'@%@L DG@ 1-@ID #AC%H&B FG@-@ G@ AN@%@L I L@KID@ A% DG@ MCKQ@HD

G@ LAP@ HA33@%H@L KJ NA&%D&%P ACD DG@ 'IBC@ A. DG@ @MDIKB&MG3@%DM FG&HG DG@ -@NCKB&H IDN-@M@%D NAMM@MM@L &% DG@ @'I%DR DG@ MD-@%PDG I%L .@-D&B&DJ A. #A-.C DG@ @TD@%D I%L IL'I%DIP@ACM M&DCID&A% A. #I%L&I : @ N&HDC-@L IBB DG@ HAIMD A. 1-@@H@ DG@ N-&%H&NIB &MBI%LM A. DG@ -HG&? N@BIPA MCKQ@HD DA DG@ $@%@D&I% LA3&%ID&A% DGAM@ DGID -@3I&%@L DAA PBIL DA -I%P@DG@3M@B'@M MGACBL I% ANNA-? DC%&DJ K@ I..A-L@L K@%@IDG DG@ MDI%LI-L A. I&%D I-O D DG@ @TD-@3&DJ A. DGID -HG&N@BIPA G@ MNAO@ A. IN-ACL I%L NANCBACM H&DJ KC&BD A% DFA M@IM G@-@ @T&MD@L %AD &% DG@ FA-BL I HGA&H@- A-3A-@ IDD-IHD&'@ M&D@ *D FIM DG@-@ DGID F&DG IBB DG@ %@H@MMI-&@M A. B&.@ &% IKC%LI%H@ DG@J HACBL B&'@ &% N@-.@HD M@HC-&DJ R &D FIM DG@-@ DGID KJ I% @IMJ HA33C%&HID&A% F&DG DG@ HABA%&@M DG@J FACBL K@ &% I NAM&D&A% DA I..A-L DG@3 IMM&MDI%H@ A- &. &D F@-@ %@

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HHMMI-J DA M@@O &D IDDG@&-GI%LM GAM@HABA%&@M B&@M&L@M FG&HG F@-@ %AF @'@- -&M&%P &% -@'ABD IPI&%MD I HAC%D-J M&DCID@L ID DG@ @TD-@3&DJ A. DG@ 1CB. A. L-&I FACBL AK@J G@ FIM IMMC-@L F&DGACD I 3C-3C- DGID HAC%D-J FG@% MG@ GIL K@HA3@ KJ DG@ AHHCNID&A% A. #A%MDI%D&? %ANB@ DG@ 3&MD-@MM A. DG@ HA33@-H@ A. !C-AN@ I%L M&I

d *. DG@J DAAO &%DA HA%M&L@-ID&A% K MI&L >&I%& d DG@N-@ H3&ACM MDID@ A. DG@ @BP&I% 3A%I&UHGJ &DM F@IO%@MM &DM NA'@-DJ &DM L&MC%&A% DG@J HACBL MHI-H@BJ @%D@-DI&% I LACKD DGID &D FIM -@M@-'@L .A- DG@ -@NCKB&H DA -@LCH@ DA G@- MFIJ DG@ FGAB@ A. DG@ @3N&-@ FG&HG MG@ GIL .AC%L@L *. MG@ %@PB@HD@L DA C%L@-DIO@ &DM L@.@%H@ MG@ FACBL .A-.@&D IBB DG@ .-C&D A. G@- .A-3@- '&HDA-&@M G@ 1-@@OM 3&PGD MCK'@-D DG@ @3N&-@ A. DG@ ID&%MH KCD FACBL DG@J K@ IKB@ DA F&DG? MDI%L DG@ $@%@D&I%M A%H@ @MDIKB&MG@L A% DG@ HI%IB A. DG@ AMNGA-CM G&M NAM&D&A% FIM &D FIM D-C@ %AD F&DGACD &DM LI%P@- CD GIL DG@ -@NCKB&H &% G@- N-@M@GD M&DCI? D&A% %ADG&%P DA .@I- IM MG@ %AD HA%D&%CIBBJ GI-IMM@L KJ FI-M F&DG OILCI F&DG SC&B@&I F&DG :C%PI-J %L HACBL DG@J HA%M&L@- DGAM@ FI-M IM K-ACPGD DA I .&%IB HBAM@ %L @'@% K MI&L DG@ MN@IO@- d IMMC3&%P DGID DG@J F@-@ FGID &M AC- M&DCID&A% @ GI'@ I DID@ J@D F@ GI'@ %A D@--&DA-JH F&DGACD D@--&DA-J GAF HI% F@ GAN@ DA M@@ AC- NANCBID&A% &%H-@IM@H I%L F&DGACD NANCBID&A% GAF OM &D NAMM&KB@ DGID F@ MGACBL .'L.&B DGAM@ G&PG L@MD&%&@M DA FG&HG F+ HI% GI-LBJ LACKD DGID F@ I-@ HIBB@L A BA%P IM F@ -@3I&% @%HBAM@L &% DG@M@ BIPAA%M ID DG@ KADDA3 A. I MDA-3J PCB. DG@ N@ANB@ FGA3 F@ GI'@ MCKLC@L I%L DA FGA3 AC- LA3&%ID&A% &M %AD N-ALCHD&'@ A. I%J HA%

M&L@-IKB@ K@%@.&D HI%%AD BAAC CNA%DG@3M@B'@M IM .A-3&%P F&DG CM A%@ %ID&A% @ 3IJ L&IF .-A3 DG@3 D-&KCD@ &%L@@L J KCD &D F B K@ HA3NB@D@BJ IKMA-K@L KJ DG@ N@-? N@DCIB @.&K-DM FG&HG F@ MGIBB K@ .A-H@L DA 3IO@&% A-L@- DA -@DI&% DG@ D-+&CDI-&@M &% MCKQ@HD&A% @ HI% M@BB DG@3 %ADG&%P FG&HG &M %AD &% DG@&- NAF@- DA N-AHC-@ @BM@FG@-@ G@ A%BJ 3@I%M KJ FG&HG ID N-@M@%D F@ HI% @%L@- DG@M@ NAMM@MM&A%M N-A.&DIKB@ DA AC- HA33C%@ &M KJ P@DD&%P DG@3 &%DA AC- AF% GI%LM I%L HA%'@-D&%P AC- HA33@-H@ &%DA I 3A%ANABJ CD DGID 3A%ANABJ @TH&D@M DG@ L&MHA%D@%D A. DG@ HABA%&MDM I%L L-&'@M DG@3 DA L@MNI&-R I%L DG&M &M DG@ HICM@ A. DG@ -@M&MDI%H@ FG&HG DG@J MA .-@SC@%DBJ A..@- DA A3 LA3&%ID&A%

d *D &M 3J F&MG DGID JAC MGACBL K@ &% I NAM&D&A% DA -@? NCBM@ JAC- %@&PGKAC-M DA O@@N JAC- MCKQ@HDM C%L@- N-A? N@- HA%D-AB &D &M 3J F&MG DGID KJ HA33@-H@ JAC 3IJ IPP-I%L&M@ I%L @%-&HG JAC-M@B'@M CD GAF HI% JAC @%QAJ DG@ .-C&D A. JAC- N-AMN@-&DJ &% DG@M@ 3A-IMM@M FG@-@ JAC I-@ L@MD&DCD@ A. IBB DG@ %@H@MMI-&@M A. G.@ FG@-@ ID DG@ @KK A. DG@ D&L@ DG@ IG &M &3N-@P%ID@L F&DG NA&MA%ACM '!INAC-M[FG@-@ DGAM@ MI3@ FID@-M DB&-@ID@% JAC &% DG@&- -&M&%P F&DG .BAALM I%L &%C%LID&A%M B-@ILJ DG@J GI'@ L@MD-AJ@L IBI3AHHAR I%L JAC GI'@ K@@% HA3N@BB@L DA IKI%LA% &D AC- LJO@M A'@-DG-AF% @'@-J J@I- KJ DG@ D@3N@MD JAC- &MBI%LM MCK3@-P@L JAC- GI-? KAC-M KBAHO@L CN F&DG MI%L IBB DG@M@ I-@ M&P%M DGID MAA%@- A- BID@- DG@M@ BIPAA%M F&BB .IBB I N-@J DA DG@ M@IR I%L @'@% &. JAC I-@ L&MNAM@L DA DG&%O 'DGID DG&M LI%P@- &M B@MM &33&%@%D DGI% *' &3IP&%@ &M DG@-@ %AD I%ADG@- A. FG&HG JAC GI'@ GIL MCHG -@N@ID@L FI-%&%PM *D &M &%

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'I&%DGIDJACL@%L@I'AC-EDAM@DDB@A%IEMG&.D&%PMI%LRDG@
@I-DGSCIO@MEFG&HG'&M@DJACLN@-&AL&HIBBJEA'@-DC-%EJAC-E
GIK&DID&A%ME ACLGI'@@MDIKB&MG@LEJAC-M@B'@MA%IEMA&BE
IPI&%MDFG&HGIBBDG@@B@3@%DMM@@3EDAHA%MN&-@R MC-@BJE
MCHGEIEMA&BHI%%@'@-E.A-3EDG@M@IDA.EINAF@-.CB@3N&-@E
*DE&M&%JAC-ENAF@-E%AFEDA@THGI%P@DG@M@I-&LEMGA-@M E
DG&MD@3N@MDCACMM@IEDG@M@N@MD&.@-ACM3A-IMM@ME.A-EDG@
.&%@MDIMLE3AMD@%HGI%D&%PM@D@&%DG@EC%&'@-M@EIEM&D@E
FG@-@JACLHI%@IM&BJO@@NIDIEL&MDI%H@DG@EO&MI%MMI%LEDG@
1@%A@M@EFG@-@JACL3IJGABLEMFIJA'@-EDG@E&MBI%LMA.E
DG@E -HG&N@BIPAEA'@-EDG@EFGAB@A.E1-@@H@EI%LEA'@-EDG@E
HAIMDMA.E M&IEI%LEFG@-@JACL3IJHA33I%LEIPI&%MDIBB
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&DGEDG@M@EFA-LMDG@ELAP@L@MH@%L@LE.-A3EDG@D-&KC%@E
I3&LEIEN-A.AC%LEI%LE&3N-@M&'@EM&B@%H@E CDMAA%EIEP@?
%@-IB 3C-3C-E -C%%&%PEDG-ACPGEDG@EGIBBE&%L&HID@LEDGID
DG@-@EFIM3CHGEL&'@-M&DJA.EAN&%&A%EA%EDG@EMCKQ@HDC%L@-E
L@KID@E G@E-I%OEI%LEHGI-IHD@-EA.E>&I%&EGAF@'@-E@%?
D&DB@LEG&M'&@FMDAE-@MN@HDEI%LEIDD@%D&A%E -PC3@%DME
GAF@'@-EMN@H&ACMI%LEC%MAC%LEHA3&%P.-A3EMCHGEIEG&PG
SCI-D@-E%IDC-IBBJEHI--&@LEMA3@FE@&PGDFE&DGEDG@3E %LE
IEBI-P@N-ANA-D&A%EA.EDG@E1-@ID#AC%H&B M@@3@LEDAEK@&%?
HB&%&%PDAEI%EILAND&A%EA.EDG@ENBI%EFG&HGEG@EGILEN-ANAM@LE
I%LEILE'AHID@LEFG@%EIE'@%@-IKB@EN@-MA%IP@E %P@BAEOIE
B&@-AE@TN-AHC-IDA-EA.E I&%D I-OE-AM@EI%LEILL-@MM@LE
DG@E @P&MBID&'@E ALJDAEDG@E.ABBAF&%PE@..@HD =

d GID@'@-E-@NCP%I%H@E*E 3IJ %IDC-IBBJE.@@BkE MI&LE
OIB&@-AE DAE ANNAM@EDG@E'&@FMA.EDG@EN-&%H@EDAEFGA3E*E
AF@EAK@L&@%H@EI%LE-@MN@HDE*E LAEMAEA%EDG@EN-@M@%DEAHHI?
M&A%E%ADEF&DGACDEIEH@-DI&%EHA%.&L@%H@E&%IM3CHGEIME*E.@@B

DGID' *' I3' IKACD' DA' NB@IL' K@.A-@' JAC' DG@' HICM@' A.' 3J'
HAC%D-J' *' MGACBL' IHHAC%D' 3JM@B.' &%L@@L' PC&BDJ' A.' &%?
P-ID&DCL@' DAFI-L' G@-' DAFI-L' DGID' %ID&'@' BI%L' FG@-@' 3J'
.A-@.IDG@-M' GI'@' IBFIJM' K@@%' G@BL' &%' GA%AC-' I%L' FG@-@'
*' 3JM@B.' GI'@+K@@%' K-@L' @LCHID@L' I%L' -I&M@L' DA' G&PG'
D-CMDM' &.' *' %AF' HA%M@%D@L' DA' IKI%LA%' G@-' I%L' DA' PA' &%'
SC@MD' A.' ADG@-' IL'I%DIP@M' FG&HG' I-@' MI&L' DA' K@' IFI&D&%P'
CM' &%' I'L&MDI%D' I%L' .A-@&P%' HAC%D-J' %L' FGID' &M' DG@'
'IBC@' A.' DGAM@' IL'I%DIP@M' &%' -@IB&DJ'^' NC-@-' I&-' N@-?
GINM' I' 3A-@' NB@IM&%P' M&D@' I' 3A-@' .@-D&B@' MA&B'R' I' 3A-@'
@TD@%M&'@' HA33@-H@' I%' I3NB@-' LA3&%&A%' G'] FG@%'
DG@' &%GIK&DI%DM' A.' OILCI' .&-MD' MACPGD' I%' IMJBC3' &%' DG@'
IPAA%M' DG@J' F@-@' A%BJ' DAA' DGI%O.CB' DGID' DG@M@' MGA-@M'
F@-@' KI--@%' C%HCBD&'ID@L' L@M@-D@L' DGID' DG@J' F@-@' &%' DG@'
3&LMD' A.' DG@' FID@-M' *.' DG@J' GIL' K@@%' -&HG' .@-D&B@' I%L'
NANCBACM' AC-' .A-@.IDG@-M' FACBL' %AD' GI'@M&AC%L' DG@-@' I'
M@HC-@' MG@BD@-'Q AC-' -@NCKB&H' AC-' HAC%D-J' FACBL' %AD' %AF'
@T&MD' $H@MGACBL' K@' A%' DG@'HA%D-I-J' DG@' MCKQ@HDM' A.'A%@'
A.' DG@' N@DDJ' N-&%H@M' A.' *DIBJR' %A-' MGACBLUF@' K@' %AF' HA%?
M&L@-&%P' FG@DG@-' &D' &M' @TN@L&@%D' DA' .A-MIO@' AC-' HA33A%'
3ADG@-' DGID' F@' 3IJ' M@@O' I'%@F' @3N&-@' &%' DG@' !IMD' <&L'
AC-' .A-@.IDG@-M' DG&%O' A.' SC&DD&%P' DG@&-' BIPAA%M' FG@%' DG@J'
.AC%L' DGID' DG@J' %A' BA%P@-' %@@L@L' I%' IMJBC3'^' A' *%'
P-ID@.CB' -@HABB@HD&A%' A.' DG@' K@%@.&DM' FG&HG' DG@J' GIL' -@?
H@&'@L' .-A3' DG@3' DG@J' %IDC-IB&V@L' DG@3M@B'@M' A%' DG@M@'
MGA-@M'R' I-&L' LC-&%P' @&PGD' GC%L-@L' J@I-M' GI'@' DG@J' %AD'
2BIKAC-@L' &%H@MMI%DBJ' DA' .A-D&.J' DG@3M@B'@M' IPI&%MD' DG@&-'
@%@3&@M' I%L' IPI&%MD' DG@' @B@3@%DM'^' G@J' GI'@' @-@HD@L'
G@-@' MC3NDCACM' @L&.&H@M' ' DG@J' GI'@' HABB@HD@L' IBB' DG@' %@?
H@MMI-&@M' A.' B&.@' &%' DG&M' MNAD'R' DG@J' GI'@' @-@HD@L' D@3NB@M'

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I%L' DGAM@ D@3NB@M DG@J GI'@ L@HA-ID@L' F&DG DG@ D-ANG&@M A.' DG@&-' '&HDA-&@M' @ -@N-AIHG AC-' %ID&'@ BI%L' F&DG &DM &%MIB%K-&DJ' ' J@D = KB&%L' DGID F@ I-@ = F@ .A-P@D' DGID DG@ 3AMD D@--&KB@ L&M@IM@M I%L' @N&L@3&HM HA3@ .-A3' DG@ ! IMD' FG&DG@-' DG@J FACBL' GI'@ CM PA' @ HA3NBI&%' A.' DG@ MD@-&B&DJ A.' AC-' MA&B' IM &.' I%JDG&%P FIM FI%D&%P DA' AC-' %@? H@MM&D&@M' DA' AC-' HIN-&H@M] M &.' DG@ FID@-M' KJ FG&HG F@ I-@ MC--AC%L@L' L&L' %AD I..A-L' CM IKC%LI%H@ A.' %AC-&MG? 3@%D' I%L' I' HA%MDI%D MAJ-@@ A.' &%LCMD-J' I%L' F@IBDG] G@J MN@IO A.' @I-DGSCIO@M' GID HAC%D-J' *' F&MG DA O%AF' &M 3A-@ @TNAM@L' DA' DG@3' DGI%' #A%MDI%D&%ANB@^ G@J MN@IO DA' CM A.' MI.@DJ I%L' A.' -&HG@M' *M &D %AD' G@-@ DGID JAC GI'@ .AC%L' JAC-' MI.@DJQ &M &D %AD G@-@' DGID JAC GI'@ IHSC&-@L' DGAM@ -&HG@M' FG&HG %AF' 3IO@ JAC I3K&? D&ACM^ G@J MN@IO IBMA A.' HABA%&@M' %L' .-A3' FGA3' *' &%SC&-@' GI'@ JAC DIO@%' DG@ P-@ID@-' NI-J A.' DGAM@' FG&HG JAC %AF NAMM@MM^ <&L' JAC %AD DIO@ DG@3' .-A3' DGID OAF@-' DA' FG&HG DG@J F@-@ MI&L' DA' K@BA%P &%IB&@%IKBJ^ C-' 1-@@O HABA%&@M I-@ &3NA-DI%D' C%LACKD@LBJR KCD I-@ DG@J' DG@ A%BJ L@N@%L@%H&@M A.' DG@ -@NCKB&H' FG&HG MG@ GIM DA' N-@M@-'@^ : IL' *MD-&I' GIL' <IB3ID&I' BAMD IBB 'IBC@&% DG@&-' @J@M^ *.' DG@J F@%D DA' #A%MDI%D&%ANB@' &% A-L@-' IM &D FIM MI&L' DA' K@ &%' I' K@DD@-' NAM&D&A%' DA' N-AD@HD #I%L&I' I%L' 1-@@H@' FACBL' DG@J %AD K@ IKI%LA%&%P DA' DG@ a&%P A.' : C%PI-J DG@&-' L-&ID&H N-A'&%H@M^

d %@ A.' DFA' DG&%P ^k HA%D&%C@L' "IB&@&U ' d @&DG@-' JAC 3CMD PA' DA' DG@ !IMD &%' DG@ HGI-IHD@-' A.' HA%SC@-A3' I%L' DG@%' JA&&-' NAB&D&HIB N-AQ@HDM F&BB K@ MCKA-L&%ID@ DA' DG@ HAC-M@ A.' @'@%DMR A-' JAC 3CMD PA' DG@-@ M&3NBJ F&DG DG@ &%D@%D&A%' A.' M@DDB&%P N@IH@IKBJ &% A%@ A.' DG@ SCI-D@-M A.

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#A%MDI%D&%ANB@ CD GAF HI% F@ HA%H@&'@ &D NAMM&KB@ DGID DFA &%L@N@%L@%D PA'@-%3@%DM MGACBL @T&MD F&DG&% DG@ N-@H&%HDM A. I M&%PB@ H&DJ G ID M@HC-&DJ F&BB DG@-@ K@ &% MCHG I NBI%^ :AF F&BB AC- .@BBAF H&D&V@%M K@ M&DCID@L A% DG&B .A-@&P% MA&B^ G ID F&BB K@HA3@ A. AC- O&%L-@L I%L NI-@%DM FGA I-@ IP@L I%L &%.&-3 A. IBB &% MGA-D DGID F@ MGACBL K@ .A-H@L DA B@I'@ K@G&%L CM^ "A-MIO@% I%L IKI%LA%@L &D &M DG@% DGID DG@J F&BB N@-? H@&'@ .A- DG@ .&-MD D&3@ 'DGID DG@&- %ID&'@ MGA-@M I-@ KI--@% I%L BA%@BJ #A33@-H@ F@IBDG I%L NAF@- F&BB -IN&LBJ L@HIJR I% I3K&D&ACM %@&PGKAC- F&BB I%%@T DG@M@ &MBI%LMR I%L F@ MGIBB B@I-% .-A3 I.I- DGID FGID FIM AC- HAC%D-J GIM H@IM@L DA K@ DG@ IKAL@ A. I .-@@ N@ANB@ A3@ $@%@D&I% D-I'@B@- N@-GINM DACHG&%P I .@F J@I-M G@%H@ ID DG@M@ NI-DM F&BB .&%L DG@ HI%IBM KBAHO@L CN F&DG MI%L DG@ LJO@M B@'@BB@L DG@ BIPAA%M &%.@HD@L F&DG N@MD&? B@%D&IB 'INAC-M :@ F&BB .&%L DGID AC- LF@BB&%PM GI'@ K@@% L@3AB&MG@L DGID DBQ@&- N-@H&ACM -@3I&%M GI'@ K@@% D-I%MNA-D@L @BM@FG@-@ I%L DGID DG@ D-ANG&@M A. AC- '&H? DA-&@M GI'@ K@@% L&MN@-M@L I3A%P MD-I%P@-M :@ F&BB AKM@-'@ I .@F N&BP-&3M FI%L@-&%P A'@- DG@ -C&%M A. 3A%IMD@-&@M O%AF% DA GI'@ K@@% &% .A-3@- LIJM F@IBDGJ I%L 3IP%&.&H@%D :@ F&BB M@@ I MHI%DJ NANCBID&A% F&DG? ACD BIKAC- F&DGACD .AALR I%L DG@ 3IP&MD-ID@ A. MA3@ -@3AD@ DAF% F&BB K@ &% DG@ '@-J NIBIH@ FG@-@ F@ I-@ %AF GABL&%P AC- L@B&K@-ID&A%M L&HDID&%P BIFM DA FGID FACBL MD&BB K@ HIBB@L $@%&H@ %L G&MDA-J F&BB D@BB GAF DG@ $@%@D&I%M B@%L&%P @I- DA DG@ N-A3ND&%PM A. I -@MD? B@MM I3K&D&A% -@%AC%H@L DG@ M&P%IB KB@MM&%PM A. 0-A'&? L@%H@ I%L @3&P-ID&%P .-A3 DG@&- %ID&'@ MAL DA I -@3AD@

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BI%L L@MD-AJ@L A%@ A. DG@ %AKB@MD I%L P-@ID@MD .IK-&HM A. GC3I% &%LCMD-J k

IB&@-A L@M@@%L@L .-A3 DG@ D-&KC%@ G&M @J@M .&BB@L F&DG D@I-M G@J N-AH@@L@L ID A%H@ DA DG@ KIBBAD %L MA @SCIBBJ L&'&L@L FIM NCKB&H AN&%&A% A% DG@ NA&%D C%L@- L&MHCMM&A% DGID &D FIM KCD I'HIMD&%P 'AD@ DG@J MIJ FG&HG L@H&L@L DG@ .ID@ A. $@%&H@ GID 'AD@ FIM %AD &%INDBJ D@-3@L DG@ 'AD@ A. O-A'&L@%H@

G@ MN@@HG@M A. >&I%& I%L G&M IKB@ ANNA%@%D MCHG IM DG@J GI'@ HA3@ LAF%DA CM I%MF@-@IHG ADG@- I%L HA3? 3@%D FACBL DG@-@.A-@ K@ MCN@-.BCACM CD F@ MGACBL -@3I-O DGID FG&B@ DG@ M@%D&3@%DM A. DG@ BIDD@- F@-@ &%.&%&D@BJ 3A-@ NID-&AD&H DGI%DGAM@ A. DG@ LAP@ G&M -@IMA%&%P FIM ID DG@ MI3@ D&3@ 3A-@QCMD "A- &D FIM %AD A%BJ DGAM@ %AKB@ &%MD&%HDM FG&HG I-@ MA L@@NBJ I%L MD-A%PBJ &3NBI%D@L &%AC- %IDC-@ FG&HG QA&%@L F&DG "IB&@-A&% L@N-@HID&%P DG@ ILAND&A% A. >&I%&M N-ANAM&D&A% KCD '@'@% &% I KIBI%H@ A. NAB&D&HIB IL'I%DIP@M DG@-@HACBL K@ B&DDB@ LACKD &D M@@3@L DGID DG@N-@.@-@%H@ FIM LC@ DA $@%&H@

G@ C%MCHH@MM.CB 3AD&A% A. DG@ LAP@ .A- M@@O&%P I %@F HAC%D-J A% DG@ MGA-@M A. DG@ AMNGA-CM GIL K@@% 3IL@ F@ I-@ B@L DA MCNNAM@ &% DG@ HAC-M@ A. + G@DG-@@ MCHH@@L&%P J@I-M A. G&M -@&P% F@-@ %AD L&MD&%PC&MG@L KJ I%J @'@%D FA-DGJ A. %AD&H@ %L &% DG@ HI-@M A. PA'@-%3@%D GIL K@HA3@ MA &-OMA3@ DA G&3 DGID DAFI-L DG@ 3&LLB@ A. "@K-CI-J A. DGID J@I-U G@ &%D&3ID@L DA DG@ @P&MBID&'@ ALJ DGID &D FIM G&M L@M&-@ DA IKL&HID@ G@

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G@IBDGʼ A.ʼ >&I%&ʼ FG&HGʼ FIMʼ %@'@-ʼO%AF%ʼ DAʼ K@ʼ '&PA-ACMʼ A-ʼ-AKCMDʼ GILʼ &%ʼD-CDGʼ K@@%ʼ.A-ʼMA3@ʼ D&3@ʼ M@-&ACMBJʼ A%ʼ DG@ʼ L@HB&%@ʼ G@ʼ FIMʼ IDʼ N-@M@%Dʼ Iʼ HA%.&-3@Lʼ 'IB@DCL&%I?-&I%Rʼ I%Lʼ IDʼ G&Mʼ IL'I%H@Lʼ N@-&ALʼA.ʼB&.@ʼB&DDB@ʼ LACKDʼ HACBLʼ K@ʼ @%D@-DI&%@H. &GIDʼ IDC-@ʼ FIMʼDIO&%Pʼ G@-ʼM&B@%Dʼ HAC-M@ʼ I%Lʼ DGIDʼ G&Mʼ 3A-DIBʼ NI-Dʼ FIMʼ A%ʼ DG@ʼ @'@ʼ A.ʼ L&MMABCD&A%ʼ *Dʼ FIMʼ DG@-@.A-@ʼ G&Mʼ F&MGʼ DAʼ F&DGL-IFʼ .-A3ʼ NCKB&Hʼ B&.@ʼ I%Lʼ DAʼ NIMMʼ DG@ʼ-@3I&%L@-ʼA.ʼG&Mʼ LIJMʼ &%ʼ SC&@Dʼ I%Lʼ M@HBC?M&A%Rʼ DG@ʼ 1-@IDʼ #AC%H&Bʼ-@P-@DD@Lʼ F&DGACDʼ ANNAM&%Pʼ G&Mʼ-@MABCD&A%Rʼ I%Lʼ A%ʼ DG@ʼ ,DG"@K-CI&J +ʼ G&Mʼ @-@%&DJʼ F@%Dʼ DG-ACPGʼ DG@ʼ CMCIBʼ .A-3Mʼ A.ʼ IKL&HID&A%ʼ "AC- I%L DF@%DJʼ J@I-Mʼ IPAʼ &Dʼ 3&PGDʼ K@ʼ-@HABB@HD@Lʼ DG@ʼ MA%ʼ A.ʼ DG@ʼ PAALʼ <AP@ʼ @KIMD&I%Aʼ GILʼ K@@%ʼ MC33A%@Lʼ.-A3ʼ G&Mʼ N-&'ID@ʼ-@M&L@%H@ʼ IDʼ I%DIʼ 1&CMD&%Iʼ DAʼ IMMC3@ʼ DG@ʼ PA'@-%3@%Dʼ A.ʼIʼP-@IDʼ-@NCKB&Hʼ &Dʼ FIMʼDAʼ I%DIʼ1&CMD&%Iʼ DGIDʼ G@ʼ%AFʼ-@DC-%@Lʼ DAʼ L&@ +

G@ʼ !B@HDA-IBʼ #ABB@P@ʼA.ʼ"A-DJʼ FG&HGʼ FIMʼ%A3&%ID@Lʼ KJʼ DG@ʼ @P&MBIDC-@ʼA%ʼ DG@ʼ-@DC@3@%Dʼ A.ʼ >&I%&ʼ F&DGʼ Iʼ '&@Fʼ DAʼ DG@ʼ @B@HD&A%ʼ A.ʼ G&Mʼ MCHH@MMA-ʼ FIMʼ @SCIBBJʼ L&'&L@Lʼ K@?DF@@%ʼ5IHANAʼ &@NABAʼDG@ʼ BID@ʼ <CO@ʼA.ʼ#I%L&Iʼ I%Lʼ I?-&%Aʼ<I%LABAʼA.ʼ I%ʼ GA3Iʼ@T N-AHC-IDA-ʼA.ʼ I&%Dʼ I-Oʼ I%Lʼ I%ʼ ABLʼ M@-'I%Dʼ A.ʼDG@ʼ-@NCKB&H eʼ "A-ʼ M&Tʼ LIJMʼ DG@ʼ MH-CD&%@@-Mʼ HA%D&%C@Lʼ DAʼ @TI3&%@ʼ DG@ʼ KIBBAD KATʼ &%ʼ DG@ʼ GAN@ʼA.ʼ AKDI&%&%Pʼ Iʼ HIMD&%P 'AD@ʼ KCDʼ F&DGACDʼ MCHH@MMR@IHGʼ A.ʼ DG@ʼ HI%L&LID@Mʼ HA%D&%C@Lʼ DAʼ GI'@ʼ DF@%DJʼ MC.?.-IP@MRʼ I%Lʼ IDʼ BIMDʼ IMʼ DG@-@ʼ INN@I-@Lʼ DAʼ K@ʼ %Aʼ ADG@-ʼ-I@QDGALʼA.ʼ MAB'&%Pʼ DG@ʼ L&..&HCBDJʼ DG@ʼ @%ID@ʼ MI%HD&A%@L

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IM I MN@H&IB 3@IMC-@ I -@MA-D DA DG@ BIF A. HGI%H@ G&M %A'@B @TN@L&@%D PI'@ IM LAP@ DA $@%&H@ 5IHANA &@NABA FGAM@ @B@'ID&A% FIM MAB@3%BJ N-AHBI&3@L KJ DG@ O-AHC? -IDA- ID DG@ P-@ID IBDI- A. I&%D I-OUM #IDG@L-IB A% DG@ ,DG I-HG +

G@ .&-MD IHD A. &@NABA A% G&M IHH@MM&A% FIM DA NIJ I '&M&D A. H@-@3A%J DA I%DI 1&CMD&%I : &M -@H@ND&A% FIM MHI-H@BJ @A P-IH&ACM IM G@ 3&PGD GI'@ K@@% B@L DA @TN@HD G@ ABL 3I% FGA FIM IB-@ILJ HA%.&%@L DA G&M K@L FIM D@MDJ &% G&M 3I%%@- I%L HC-D &% G&M -@NB&@MR I%L DG@ LAP@ FIM N-AKIKBJ PBIL DA DIO@ G&M B@I'@ ID DG@ @I-B&@MD 3A? 3@%D *D FIM N@-GINM DG@ M@%M@ A. G&M INN-AIHG&%P@%L FG&HG GIL -@%L@-@L >&I%& 3A-@ DGI% CMCIBBJ &--&DIKB@ I%L &3NID&@%D "A- I .@F LIJM I.D@- G&M &%D@-'&@F F&DG &@? NABA G@ K-@IDG@L G&M BIMD Z I-HG [G@ -@3I&%M A. DG@ @T LAP@ F@-@ HA%M&P%@L F&DG N-&%H@BJ NA3N DA DG@ 'ICBDM A. I% 1&A-P&A IPP&A-@ FG@-@ DG@ IMG@M A. G&M .IDG@- @KIMD&I%A GIL IB-@ILJ .AC%L I MNB@%L&L -@NAM@

O&@D-A >&I%& GIL @%D@-@L DF&H@ &%DA DG@ 3ID-&3A%&IB MDID@ *% .&-MD %CND&IBM G@ GIL @MNACM@L I-&I IM@&A DG@ LICPGD@- A. I %AKB@ I%L I%H&@%D GACM@ DG&M BILJ KA-@ G&3 A%@ MA% G@ M@HA%L NI-D%@- A. G&M K@L I%L .A-DC%@M FIM #A%MDI%H@'DG@ LICPGD@- A. I%H-@L A. &H&BJR I%L KJ DG&M 3I--&IP@ G@ GIL A%@ MA% I-HA I%L A%@ LICPGD@- I-HG@M&%I DG@ .A-3@- A. FGA3 F@LL@L DG@ LICPGD@- A. DG@ I-SC&M A. !MD@ I%L DG@ BIDD@- FIM C%&D@L DA DG@ NID-&H&I% I-HA ILA@- e

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G@ BID@ LAP@ FIM I 3I% A. ICMD@-@ I%L @T@3NBI-J N&@DJ A. I K@%@'AB@%D L&MNAM&D&A% A. I MCN@-&A- C%L@-? MDI%L&%P I%L A. G&PG 3A-IB M@%M&K&B&DJ J G&M F&BB FG&HG GIM K@@% N-@M@-'@L G@ B@.D I HA%M&L@-IKB@ MC3 DA K@ L&MD-&KCD@L &% IB3M DA DG@ NAA- I%L &% K@SC@MDM DA HGI-&DIKB@ &%MD&DCD&A%M R I-&L &D FIM F&DG N@HCB&I- MID&M.IH? D&A% DGID G@ GIL @T@HCD@L I HBICM@ &% DGID A. G&M N-@L@? H@MMA- <b%LABA FG&HG L&-@HD@L DGID ACD A.H@-DI&% .C%LM MN@H&.&@L I HGIN@B MGACBL K@ @-@HD@L DA I&%D &HGABIM &% I&%D I-OUM #IDG@L-IB &% @D@-%IB HA33@3A-ID&A% A. DG@ HA%SC@MD A. #A%MDI%D&%ANB@ KJ DG@ $@%@D&I%M *D &M -@BID@L A. DG@ LAP@ IM I N-AA. A. G&M @TD-IA-L&%I-J 3@? 3A-J DGID G@ .-@SC@%DBJ IL3&DD@L DA I% ICL&@%H@ M@'@-IB I3KIMMILA-M IDG@ MI3@ D&3@R KJ G&M L@M&-@ DG@ BIDD@- @TNBI&%@L &% MCHH@MM&A% I%L L@DI&B DG@ AKQ@HDM A. DG@&- -@? MN@HD&'@ 3&MM&A%MR >&I%& B&MD@%@L F&DG G&M+@J@M HBAM@L I%L &% I LAV&%P IDD&DCL@R I%L FG@% DG@J GIL .&%&MG@L G@ K-&@.BJ -@HIN&DCBID@L DA @IHG &% G&M DC-% FGID G@ GIL MI&L HA%HBCL&%P F&DG DG@ %@H@MMI-J -@NBJ + G@ 3C%&? .&H@%H@ I%L P@%@-AM&DJ A. DG@ LAP@ F@-@ FA-DGJ A. DG@ NAM&D&A% FG&HG G@ G@BL I%L A. DG@ %I3@ FG&HG G@ KA-@ : &M NC-M@ &D K@HI3@ N-A'@-K&IB FIM %@'@- HBAM@L IPI&%MD DG@ L@M@-'&%PR I%L DG@-@ F@-@ 3I%J &% $@%&H@ A. G&PG K&-DG KCD .IBB@% .A-DC%@ FGA HACBL GI'@ KA-%@ F&D%@MM DGID &D FIM @%D&-@BJ AF&%P DA DG@ O&%L &%D@-NAM&D&A% A. DG&M @TH@BB@%D N-&%H@ DGID DG@J GIL K@@% IKB@ DA @%D@- A% DG@&- N-@M@%D NC-MC&DM

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K' & Q "#$%&' F'

M@HA%LBJ' KJ' &CMMC3D&%P'YI%' I%%CIB' % ' 3' HA33@3A? -ID&A%' A.' DG@' H&-HC3MDI%H@

G@' ABL' 3@-HI%D&B@' HGI-D@&['A%' FG&HG' DG@' -@NCKB&H' GIL' M&%H@' DG@' D&3@' A.' a&%P' BKA&%' .AC%L@L' G@-' -&PGD' DA' D-IL@' C%L@-' H@-DI&% N-&'&B@P@M' I%L' @T@3ND&A%M' &%' DG@' NA-DM' A.' DG@' N@%&%MCBI' I%L' &%DA' FG&HG' &D' INN@I-M' DGID' HBICM@M' GIL' K@@%' &%D-ALCH@L' ID' I' BID@-' @NAHGR-@BID&'@' DA' G@-' HA33@-? H&IB' -@BID&A%M' F&DG' 1@-31%J' FIM' DF&H@' -@%@F@L' LC-&%P' DG@' BA%P' IL3&%&MD-ID&A%' A.' >&I%& ** .&-MD' &%' CPCMD' 'KJ' DGA' *$ '&%' DG@' M@HA%L' &%MDI%H@' &%' @ND@3K@-' 'KJ' "-@L@-&H' ** 'DG@' %@NG@F' A.' "-@L@-&H' I-KI-AMMI' G@' N@-&AL' LC-&%P' FG&HG' DG&M' N-&%H@' G@BL' DG@' L&-@HD&A%' A.' I.&I&-M' FIM' IBMA' 3I-O@L' KJ' DG@'HA%HBCM&A%' A.' D-@ID&@M' G&PGBJ' .I'AC-IKB@' DA' DG@' N-AP-@MM' I%L' @TD@%M&A%' A.' $@%@? D&I%' HA33@-H@' F&DG' DG@' a&%P' A.' : C%PI-J' DG@' OID-&I-HG' A.' SC&B@&I' I%L' DG@' !3N@-A-' A.' #A%MDI%D&%ANB@' F&DG' DG@' !3&-' A.' B@NNA' DG@' #AC%D' A.' @J-ACD' DG@' A-L' A.' &KBAM' DG@' CB&I%' A.' !PJND' I%L' DG@' aGI%' A.' I-DI-J+' G@M@' D-@ID&@M' GAF@'@-' I%L' DG@' P@%@-IB' SC@MD&A%' A%' FG&HG' DG@J' GI'@' K@I-&%P' L@M@-'@' DA' K@' 3A-@' .CBBJ' HA%M&L@-@L' &%' I' M@NI-ID@' HGIND@-' CD' F@' MGACBL' 3@%D&A%' DGID' &%' , ' %L-@F' A.' : C%PI-J' .&BB@L' F&DG' N&ACM' HA3NIMM&A%' .A-' DG@' L@NBA-IKB@' M&DCID&A%' A.' DG@' #G-&MD&I%M' A.' OIB@MD&%@' ID' DGID' QC%HDC-@' @%D@-@L' &%DA' %@PAD&ID&A%M' F&DG' DG@' $@%@? D&I%M' .A-' DG@' MCNNBJ' A.' '@MM@BM' IL@SCID@' DA' DG@' D-I%MNA-D' A.' G&3M@B.' I%L' I' M@B@HD' KALJ' A.' D-AANM' DA' DG@' : ABJ' I%L' J I%L' DG@' <AP@' >&I%&' N-CL@%DBJ' I'I&B&%P' G&3M@B.' A.' DG@'-AJIB' @%DGCM&IM3' MD&NCBID@L' A%' K@GIB.' A.' DG@' &PNA-J' DGID' &%? L@N@%L@%DBJ' A.' DG@' HA%D-IHD' DG@' O&%P' MGACBL' H@L@' DA' DG@'

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G@-' <IB3ID&I%' HABA%&@M' FG&B@' MG@' GIL' K@@%' @%PIP@L' &%'
@MDIKB&MG&%P' G@-M@B.' &%' G@-' -&@%DIB' HA%SC@MDM' ' G@' MCH?
H@MM' A.' DG&M' @TN@L&D&A%' FG&HG' &M' HA33A%BJ' O%AF%' IM' DG@s'
&TDG' #-CMIL@' FIM' '@-J' &%L&..@-@%D' G@' 0&BP-&3M' DAAO'
<I3&@DDI' &D' &M' D-C@'R' KCD' DG@J' GIL' &3N-CL@%DBJ' MC..@-@L'
DG@' @%@3J' DA' HCD' A..' DG@&-' HA33C%&HID&A%M'R' I%L' DG@' &3'
3@L&ID@' -@MDA-ID&A%' A.' DGID' DAF%' FIM' DG@' A%BJ' HA%L&D&A%'
A%' FG&HG' DG@J' HACBL' AKDI&%' B&K@-DJ' DA' -@ @3KI-O +
*%' HA%HBCL&%P' AC-' MC-'@J' A.' DG@' -@&P%' A.' DG@' M@HA%L'
>&I%&' F@' HI%%AD' .A-K@I-' DA' NA&%D' ACD' I'-@3I-OIKB@'.@IDC-@'
&%' $@%@D&I%' B@P&MBID&A%' &33@L&ID@BJ' HA%%@HD@L' F&DG' &D'
%' G&M' L@IDG' &%' I-HG' '&D' INN@I-M' DGID' DFA' HA3?
3&MM&A%M' F@-@' @MDIKB&MG@L'' A%@' A.'.&'@' N@-MA%M' FGA' F@-@'
L@M&P%ID@L' DG@' ' ' ' I%L'
FGA' F@-@' INNA&%D@L' KJ' DG@' @%ID@' DA' &%'@MD&PID@' DG@' %I'
D3@' I%L' @TD@%D' A.' DG@' LCHIB' N-@-APID&'@' I%L' DA' MCPP@MD'
I%J' HGI%P@M' A-' 3AL&.&HID&A%M' FG&HG' &D' 3&PGD' INN@I-' DA'
DG@3' %@H@MMI-J' A-' @TN@L&@%D' DA' &%D-ALCH@' &%DA' DG@' BIFM'
I%L' HA%MD&DCD&A%' A.' DG@' -@NCKB&H' G@' ADG@-' KAI-L' HA%?
M&MD@L' A.' DG-@@' 3@3K@-M' @%D&DB@L' DG@'4 K ' ' 1'
3 '' I%L' &DM' N-A'&%H@' FIM' DA' @TI3&%@' DG@' IHDM' A.' G&M'
BID@' @-@%&DJ' IM' HA3NI-@L' F&DG' DG@' B&%@' A.' HA%LCHD' BI&L'
LAF%' .A-' G&M' PC&LI%H@' &%' DG@' 'DA' -@H@&'@' I%L'
HA%M&L@-' HA3NBI&%DM' .-A3' N@-MA%M' FGA' 3&PGD' BAAO' A%'
DG@3M@B'@M' IM' IPP-&@'@L' KJ' I%J' I-K&D-I-J' A-' &BB@PIB' N-A?
H@@L&%P' A%' DG@' NI-D' A.' DG@' LAP@'R' DA' BIJ' IBB' MCHG' HA3

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DG@‘ HA%M@SCH H@‘ FIM‘ DGID‘ I‘ -@'ABD‘ FIM‘ &3 3@L&ID@BJ‘ A-?
PI%&V@L‘ IPI&%MD‘ DG@‘ PA'@-%3@%D‘ &%‘ FG&HG‘ DG@‘ FGAB@U.I3&BJ‘
A.‘ HA-L&BBA‘ I%L‘ &DM‘ ILG@-@%DM‘ DG@‘ @B&M&%&‘ I%L‘ @'IMD& ‘
DAAO‘ NI-D‘ G@‘ 3A'@3@%D‘ FIM‘ MCNN-@MM@L‘ GAF@'@-‘
KJ‘ DG@‘ HA%H&B&IDA&J‘ ILL-@MM‘ A.‘ DG@‘ $@%@D&I%‘ <CO@‘ <A‘
3@%&PA‘ <@B.&%A‘ F&DGACD‘ 3CHG‘ L&..&HCBDJ‘ I%L‘ F&DGACD‘ I%J‘
KBAALMG@L

*%‘ E ‘ I%‘ &%MC--@HD&A%‘ K-AO@‘ ACD‘ A.‘ I‘ 3A-@‘ M@-&ACM‘
I%L‘.A-3&LIKB@‘HGI-IHD@-‘ G@‘ HA-L& &‘I%L‘ &B@M&%&‘IPI&%‘
-@'ABD@L‘ IPI&%MD‘ DG@‘ $@%@D&I%‘ ICDGA-&DJ‘ G@J‘ M@D‘ DG@‘
ICDGA-&DJ‘ A.‘ OIABA‘ _C&-&%&‘ <@B.&%AUM‘ MCHH@MMA-‘ ID‘ AN@%‘
L@.&I%H@‘ %L‘ IMMC3&%P‘ I‘ NANCBI-‘-&PGD‘ FG&HG‘ &D‘ &M‘ ID‘
IBB‘ D&3@M‘ LI%P@-ACM‘ DA‘ @T@-H&M@‘ DG@J‘ &%'&D@L‘ DG@‘ !3N@-A-‘
$IDIH@M‘ DA‘ B&K@-ID@‘ DG@3‘ I%L‘ DG@&-‘ HAC%D-J‘.-A3‘ DG@‘ PIBB?
&%P‘ JAO@‘ A.‘ L@MNAD&M3‘ I%L‘ DA‘ &%HA-NA-ID@‘ #I%L&I‘ F&DG‘
DG@‘ H-AF%‘ A.‘ &HI@I‘ A-‘ HACBL‘ &D‘ K@‘ F@BB‘ LACKD@L‘ DGID‘
DGID‘ O-&%H@‘ FACBL‘-@IL&BJ‘ I'I&B‘ G&3M@B.‘A.‘DG@‘ L&MNAM&D&A%‘
FG&HG‘ GIL‘ DGCM‘ K@@%‘ 3I%&.@MD@L‘ KJ‘ DG@‘ #I%L&ADP‘ &%‘ G&M‘
.I'AC-‘ *%‘ DG@‘ 3@I%FG&B@‘ DG@‘ HA-L&BB&‘ I%L‘ DG@&-‘ IL?
G@-@%DM‘ -I&M@L‘ DG@‘ MDI%LI-L‘ A.‘ -@'ABD‘ &%‘ IBB‘ DG@‘ NBIH@M‘
FG@-@‘ DG@&-‘ &%.BC@%H@‘ GINN@%@L‘ DA‘ N-@LA3&%ID@‘ FG&B@‘
DG@&-‘ IP@%DM‘ MN-@IL‘ DG@3M@B'@M‘ DG-ACPG‘ DG@‘ '&BBIP@M‘ I%L‘
A'@-‘ DG@‘ HAC%D-J‘ MC33A%&%P‘ DG@‘ N@ANB@‘ @'@-JFG@-@‘ DA‘
I-3M‘ I%L‘ HIBB&%P‘ CNA%‘ DG@3‘ DA‘ @MNACM@‘ DG@‘ HICM@‘ A.‘
B&K@-DJ‘ I%L‘ &%L@N@%L@%H@‘ G@‘ FGAB@‘ &MBI%L‘ FIM‘ MAA%‘
&%‘ I‘ MDID@‘ A.‘ HA33AD&A%‘ I%L‘ @TH&D@3@%DR‘ DGACMI%LM‘
.BAHO@L‘ DS‘ DG@‘ KI%%@-M‘ A.‘ DG@‘ -@K@BM‘ FGA‘ P-ILCIBBJ‘
MF@BB@L‘ &%DA‘ I‘ NAF@-.CB‘ I-3JR‘ I%L‘ _C&-&%&‘ M@-&ACMBJ‘
IBI-3@L‘ ID‘ DG@‘ -IN&L‘ N-AP-@MM‘ A.‘ DG@‘ M@L&D&A%‘ I%L‘ .@@B?
&%P‘ DGID‘ DG@‘ D-AANM‘ ID‘ G&M‘ L&MNAMIB‘ F@-@‘ &%MC..&H&@%D‘ DA

HAN@ F&DG DG@ @%@3J '@'@% &% DG@ N-@M@%D MDIP@ A.'AN@-I? D&A%M' L@MNIDHG@L' I%' @TN-@MM DA' $@%&H@ DA' HA33C%&HID@ DA' &@NABA' DG@' N@-&BACM NAMDC-@ A.' I..I&-M' I%L' DA' L@? 3I%L' MN@@LJ' -@&%.A-H@3@%DM' D DG@' MI3@' D&3@' DG@' PA'@-%A-' I@D@.BQ+' IM DG@' LAP@ G&3M@B.'GIL' IHD@L' FG@% G@ FIM NBIH@L' &%' I' M&3&BI-' M&DCID&A%' KJ' HIBB&%P &%' DA' G&M IM? M&MDI%H@ DG@' $@%@D&I%' <CO@' A.'DG@ -HG&N@BIPA' IcCLA' L&L' %AD HI--J' G&M -@M@%D3@%D IPI&%MD _C&-&%&LM &BBCMD-&ACM N-@L@H@MMA-' MA'.I-' IM DA' -@.CM@ HA3NB&I%H@ F&DG DG@ N-@M@%D -@SC@MD R I%L' DG@ I--&'IB A.'DG@ LCO@ F&DG I' MD-A%P KALJ' A.' D-AANM I..A-L@L' G&M HAC%D-J3@% HA%M&L@-IKB@ -@B&@.' FG&B@ &D'D@%L@L' DA' MN-@IL' L&MHAC-IP@3@%D DG-ACPG DG@ -I%OM A.'DG@ @%@3J' FGA'.@BB KIHO -@BCHDI%DBJ' K@.A-@ DG@ HA3K&%@L'.A-H@M A.'DG@ $@%@D&I%M I%L' IT&ADM' G@ IBB&@M .ABBAF@L' CN DG@&-' IL'I%DIP@ KJ' MD-@%PDG@%&%P DG@&-' NAM&? D&A%R I%L' I3A%P ADG@-' FA-OM A.'L@.@%H@' FG&HG DG@J' HA%? MD-CHD@L' F@ 3IJ' 3@%D&A% DG@' %@F' .A-D-@MM A.' CLI

CD G@ K-&PGD@%&%P N-AMN@HDM A.'DG@ $@%@D&I%M F@-@ MAA% IPI&%' A'@-HBACL@L' *D' FIM %AD BA%P K@.A-@ I' NAF@-? .CB MSCIL-A%' A.'DG&-DJ' PIBB@JM' HA33I%L@L' KJ' A%@ A.'DGh P@%@-IBM A.' $IDIH@M' I%L' L@MNIDHG@L' KJ' DGID @%D@-N-&M&%P N-&%H@ DA' B@%L' DG@' -@SC&-@L' MCNNA-D DA' DG@' -@'ABCD&A%I-J' NI-DJ' I--&'@L' A..' DG@ #-@DI% HAIMD R DG@ L&M@3KI-OID&A% A.' DG@ 1-@@O D-AANM' FG&HG FACBL' INN@I-' DA' GI'@ K@@% C%ANNAM@L' -@MDA-@L' DG@ HA%.&L@%H@' I%L' -@H-C&D@L' DG@ -I%OM' A.' DG@ &%MC-P@%DM R I%L' DG@J' MGA-DBJ' -@DC-%@L' DA' DG@ HA%D@MD F&DG -@%@F@L''&PAC-' I%L' L@D@-3&%ID&A%' G@ IBB&@M F@-@ %AF' ACD%C3K@-@L' &% DG@&-' DC-%R I%L' %A'BA%P@-' IKB@ DA' O@@N DG@ .&@BL' DG@J' -@D&-@L' K@G&%L' DG@ B&%@ A.' DAF@-M' FG&HG DG@ PA'@-%3@%D A.' DG@ -@NCKB&H GIL' &%

DG@&-' IMG@MR DG@ HAC-IP@ A.' DG@Q#I%L&ADM 3&PGD K@ HAF@L' &D FIM %AD XQ\C@BB@L' *%' 'DFA' K-ADG@-M' 1@A-P@ I%L' G@ALA-@ #A-DIVV&' .ABBAF@L' DG@ @TI3NB@ A.' DG@ HA-L&BB I%L' DG@&-' NI-D&MI%MR DG@ $@%@D&I% PA'@-%A-' I-&%A' >@%A' N@-&MG@L' &%' DGL' IDD@3ND DA' IMM@-D G&M ICDGA-&DJ'R I%L' DG@ &%M3 P@%DM F@-@ %AD -@LCH@L' DA' MCK3&MM&A%' C%D&B .-@MG -@&%.A-H@3@%DM I%L' I' %@F' PA'@-%A-'U I-&%A' A-AM&%&' GIL' K@@%' M@%D .-A3' $@%&H@' G@ .ID@ A.' DG@ BID@ <CO@ >@%A' FIM' &%L@@L '3CHG DA' K@ L@NBA-@L' .A-' G@ FIM I% ABL' M@-'I%D A.' DG@ -@NCKB&H' :@ GIL' K@@%' G@-' .&-MD OA? L@MDm' ID #A%MDI%D&%ANB@R G@ GIL' MCKM@SC@%DBJ' M@-'@L' A% M@'@-IB @3KIMM&@MR I%L' &%' E'G@ FIM' &%'&D@L' DA' MCH? H@@L' O&@D-A' >&I%&' &%' DG@' NAL@MDID A.' OILCI' &%' HA%.A-3&DJ F&DG' I' HA33A% I%L' IM' &D 3IJ' INN@I-' MD-I%P@ CMIP@ &% .A-H@ ID DGID N@-&AL' I3A%P DG@ .IHD&ACM 3C%&H&NIB&D&@M A.' A3KI&LJ'A.' @B@HD&%P IM' DG@&-' HG&@.' 3IP&MD-ID@ MA3@ @3&? %@%D .A-@&P%@-' CD'A% DG@ FGAB@' N@-GINM' DG@ -@'ABD A.' DG@ #A-DIVV& FIM .I-' B@MM M@-&ACM &% &DM HGI-IHD@-' I%L' -@MCBD DGI% 3I%J' FG&HG N-@H@L@L' &DR I%L' &D FIM INN@IM@L' F&DGACD I%J HA%M&L@-IKB@ MIH-&.&H@ A.' B&.@ A-' @..CM&A% A.' KBAAL

CD IBB DG@M@' M@L&D&ACM 3A'@3@%DM I-@ A%BJ DA' K@ -@? PI-L@L' &%' NA&%D A.' .IHD' IM DG@ GI-K&%P@-M A.' DG@ HA3&%P D@3N@MD' IM DG@ .A-@MGILAF&%PM A.' DG@ P-@ID@-' HIBI3&D&@M' FG&HG F@-@ &3N@%L&%P' *D &M DA' 8'M@'@% J@I-M I.D@-' DG@ -@'ABD A.' 1@A&P@ I%L' G@ALA-@ #A-DIVV&' DGID G&MDA-&I%M U-@.@-' DG@ &3NA-DI%D I%L' 3@3A-IKB@ @'@%DM' A% FG&HG AC-' %I--D&'@ &M IKACD DA' AN@%

%@ A.' DG@ N-&%H&NIB BI%L@L' N-AN-&@DA-M &% #I%L&I' ID DG&M N@-&AL' FIM I' 3I% A.' %AKB@ I%L' I%H&@%D L@MH@%D' I%L

%A' B@MM L&MD&%PC&MG@L' KJ' G&M DIB@%DM DGI%' G&M @TD-IHD&A%R G&M %I3@' FIM B@T&M #IB@-P&R I%L' DG@' MG&%&%P ' DGACPG' MAB&L ' SCIB&D&@M A.' G&M C%L@-MDI%L&%P ' G&M .&-3%@MM I%L' D@%IH&DJ' A.' NC-NAM@ ' G&M HA33I%L&%P' &%.BC@%H@ ' G&M F&%? %&%P' ILL-@MM ' G&M MD-A%P' BA'@' A&.' &%L@N@%L@%H@ ' I%L' G&M .&@-H@' L@D@MDID&A%' A.' DG@' .A-@&P%' LA3&%ID&A% ' HA3K&%@L' DA' -@%L@-' G&3' DG@' 3AMD' .A-3&LIKB@' @%@3J ' F&DG' FGA3' DG@' -@NCKB&H' GIL' J@D' GIL' DA' L@IB ' G@'$@%@D&I%' @%ID@' FIM KJ' %A' 3@I%M' &P%A-I%D ' GAF@'@-' A.' DG@' P-@ID' #I%L&ADUM 3A'@3@%DM' I%L' L@M&P%MR I' M@H-@D' I%L' F@BB HA%H@-D@L' ID? D@3ND' GIL' K@@%' -@H@%DBJ' 3IL@' DA' -@3A'@' G&3' .C-D&'@BJ' .-A3' DG@' &MBI%LR &D' FIM A%BJ' .-CMD-ID@L' KJ' DG@' '&P&BI%H@' A.' G&M MN&@MR #IB@-P&' @.&@HD@L' G&M @MHIN@' &%' I' M3IBB' '@MM@B' C%L@-' HA'@-' A.' DG@' LI-O%@MMR I%L' G&M .B&PGD' K@HI3@' DG@' -@HAP%&V@L' M&P%IB' .A-' DG@' ACDK-@IO' A.' I' D@--&KB@' &%MC--@H? D&A% ' G@' FGAB@' &MBI%L' FIM MAA%' &%' I' MDID@' A.' .@-3@%D' I%L' HA%'CBM&A%R DG@' MDA-3 ' FG&HG' L&MH@-%&%P' 3@%' 3&PGD' GI'@' NBI&%BJ' M@@%' PIDG@-&%P' &%' DG@' GA-&VA% ' GIL' KC-MD ' &D' M@@3@L ' ID' B@%PDGR I%L' I' .&-@' FIM IB-@ILJ' PBAF&%P' &%' &DM' @3K@-M ' FG&HG' &D' AHHCN&@L' DG@' 3ADG@- HAC%D-J' I' N@-&AL' A.' @&PGD@@%' J@I-M' DA' SC@%HG' I%L' .&%IBBJ' @TD&%PC&MG ' G@' -@NCKB&H' FIM %AD' FI%D&%P ' (^AF@'@-' &%' @%@-PJ' I%L' -@MA? BCD&A%R G@-' PA'@-%3@%D' FIM HA%MDI%DBJ' M@%L&%P' ACD' D-AANM I%L' ADG@-' -@&%.A-H@3@%DM' DA' DG@' HABA%JR I%L' DG@' HABA%J' FIM IM' HA%MDI%DBJ' @%HAC-IP&%P' I' GAN@' DGID' '&HDA-J' FIM F&DG&%' G@-' P-IMN ' @D ' FG@%' MG@' NCD' .A-DG' G@-' GI%L' DA' P-IMN' &D ' MG@' P-IMN@L' KCD' I' MGILAF ' "A-' MA' MAA%' IM' DG@' $@%@D&I%' D-AANM' INN@I-@L' &%' DG@' .&@BL ' DG@' -@K@BM' .B@L' DA' DG@' 3AC%DI&%M ' G@%' DG@' $@%@D&I%M' GIL' -@D&-@L' F&DG&%' DG@&-' B&%@M ' DG@' -@K@BM' -@DC-%@L' DA' DG@' .&@BL ' G@' .A-3@-

IBFIJM MACPGD I%@%PIP@3@%DR DG@ BIDD@-IBFIJM I'A&L@L &D G&M MN@H&@M A.PC@-&BBI FI-.I-@ FIM DA DG@ BIMD L@P-@@ .ID&PC&%P I%L C%N-A.&DIKB@R I%L DG@ K@BB&P@-@%DM F@-@ MA3@D&3@M &%LCH@L DA HA%HBCL@ I%I-3&MD&H@ FG&HG %AD C%.-@SC@%DBJ @%'&@L &%I%IDD@3ND DA %@PAD&ID@ .A-N@IH@ CD G@-@ DG@ HABA%&IB PA'@-%3@%D &%'I-&IKBJ PI&%@L I MC? N@-&A-&DJ I%L #IBH-P& C%F&BB&%P DA D-@ID A%I%J KCD @SCIB D@--IM &%'I-&IKBJ K-AO@ A..DG@ HA%.@-@%H@ &%L&MPCMD D BIMD DG@ -@NCKB&H .&T@L A%I L&..@-@%D NBI% G@ MI3@ HAC-M@ FG&HG MG@ GIL N&CUMC@L F&DG MCHG IL3&-IKB@ MCH? H@MM &%DG@ HIM@A. :@%-J DG@ MG@-3I% FIM %AF ILAND@L &%DGID A. B@T&M #IB@-P& G@ 3AMD .BIDD@-&%P A'@-DC-@M F@-@ 3IL@KJ DG@ LAP@ DA DG@ P-@ID IP&DIDA-Q G@ FIM IL? 3&DD@L B&O@ DG@ #AC%D A. IBDI DA DG@ -&PGDM A. H&D&V@%? MG&N I I'BI-P@ I%L .-@@ IMM&P%3@%D A. BI%L FIM N-A3&M@L G&3R I%L DG@ N-A3&M@ FIM IHHA3NI%&@L KJ I MAB@3% IM? MC-I%H@ DGID &%&DM L@M&-@ A.@..@HD&%P I-@HA%H&B&ID&A% DG@ $@%@D&I%PA'@-%3@%D FIM DGA-ACPGBJ M&%H@-@ I%L DGID %A DGACPGDM F@-@ GI-KAC-@L A. -@M@%D3@%D A- -@DIB&ID&A% B@T&M N-AKIKBJ FA-%ACD KJ I HA%D@MD FG&HG 3&PGD F@BB M@@3 &%D@-3&%IKB@ 3@D DG@M@ NIH&.&H IL'I%H@M &% I HA-? -@MNA%L&%P MN&-&D R I%L DG@ A..@-N@-GIQ&M DAA D@3ND&%P DA K@ @IM&BJ L@HB&%@L FIM PBILBJ &.%AD P-ID@.CBBJ IHH@ND@L CD DG@ &P%A-J GI'&%P DGCM -@3A'@L DG@ B@IL&%P HICM@ A.DG@&- I%T&@DJ L&L %AD HI-@ DA IHD F&DG M&3&BI-B@%&@%HJ DAFI-L #IB@-P&UM 3&%A-HA%.@L@-ID@M A.FGA3 IBB F@-@%AF @'&HD@L I%L M@'@-IB F@-@ M@%D@%H@L DA HIN&DIB NC%&MG3@%D A- FIM DG&M IBB "A- KJ '&-DC@ A. I L@H-@@ A.DG@ $@%@? D&I% @P&MBIDC-@ I .-@MG HABA%J FIM M@%D ACD &% ,1 /'DA DIO@ NAMM@MM&A% A.DG@ .A-.@&D@L @MDID@M I%L DA @TD@%L DG@

** E

.-A%D&@-A.DG@A-&P&%IBM@DDB@3@%DRI%LD&MDAGDG@I%T&@DJ FG&HGDG@PA'@-%3@%DA.DG@-@NCKB&H.@BDIDDG@MI3@ D&3@DA-@%L@-G@-HA33C%&HID&A%FDGDG@&%D@-&A-3A-@ @IMJI%LDAI..A-L3A-@MNIH&ACMIHHA33ALID&A%.A-MG&N? N&%PDGIDF@AF@DG@.AC%LID&A%A.DG@3AL@-%DAF%A. #I%@IFG&HGFIMKC&BDKJDG@$@%@D&I%M&%DG@BIDD@-G IB.A.DG@DG&-D@@%DGH@%DC-JA%DG@-C&%MA.DG@I%H&@%D #JLA%+

CDFG&B@DG@I..I&-MA.#ABA%&I$@%@DA-C3GILL@? 3I%L@LMCHGHA%MDI%D'&P&BI%H@I%LIDD@%D&A%A%DG@NI-D A.DG@GA3@PA'@-%3@%DDGAM@A.#A%MDI%D&%ANB@I..A-L@L IBMAI N@-N@DCIBMAC-H@A.HI-@I%LI%T&@DJ

G@!3N@-A-;AK@-DA%G&ML@H@IM@&%8RGILA%@ MC-'&'&%PK-ADG@-FGAFIMMD&BBI3&%A-G&M%I3@FIM IBLF&%J DG@.I&BC-@A.;AK@-DUM&MMC@IBLF&%#AC-? D@%IJFIMIHO%AFB@LP@LDAK@DG@B@P&D&3ID@G@&-DADG@ DG-A%@@DDG@@B@'ID&A%A.I HG&BLA.D@%J@I-M A.IP@ FG&HGFACBLGI'@K@@%IDI%J D&3@&%@TN@L&@%DFIMFGABBJ &3N-IHD&HIKB@IDI'QC%HDC-@FG@%DG@G@B3A.DID@N@HC? B&I-BJ-@SC&-@LDG@L&-@HD&A%A.I%IKB@I%L@TN@-&@%H@L GI%L G@SC@MD&A%A.DG@MCHH@MM&A%HA%M@SC@%DBJ&%? 'AB'@LHA%M&L@-IKB@L&..&HCBDJI%L@3KI--IMM3@%D G@ @B@HDA-MA.;A3I%&I F@-@A.HAC-M@I%T&ACMDAHA%MCBDDG@ &%D@-@MDMA.DG@@3N&-@J@DIDDG@MI3@D&3@DG@JF@-@ -@BCHDI%DDAN-ANAM@A-ILANDI%J3@IMC-@F &&HG3&PGD AN@-ID@DADG@N-@QCL&H@A.IBLF&%MHA%D&%P@%D-&PGDM G@JCBD&3ID@BJDAAOI3&LLB@HAC-M@G@JL@D@-3&%@L DGIDAG% I-A%L@-&@%%@I%LD&DCBI-a&%PA.5@-CMIB@3 MGACBLGABLDG@H-AF%LC-&%PG&MB&.@I%LDGIDA%G&M

L@3&M@ &D MGACBL L@MH@%L DA DG@ %IDC-IB G@&- A. DG@ ! 3? N@-A- ; AK@-D DA FGA3 &D FIM @TN-@MMBJ N-A '&L@L -&@%%@ MGA NB I D A%H@ I..&I%H@ G&M LICPGD@- I-J + G@ %@F @3N@-A- FIM IB-@ILJ IL 'I%H@L &% J@I-M v : &M GI&-M GIL FG&D@%@L K@%@.+DG DG@ M%AFM A. @&PGDJ F&%D@-M @D B&O@ DG@ &BBCMD-&ACM <I%LABA G&M .-&@%L I%L HA3NI%&A%&%% I-3M -&@%%@ MD&BB N-@M@-'@L &% I% C%CMCIB 3@IMC-@ DG@ '&PAC- I%L @%@-PJ A. P-@@%@- IP@R I%L G&M 3I%BJ HGI-IHD@- I%L G&PG -@NCDID&A% IM I MABL&@- %IDC-IBBJ @%L@I-@L G&3 DA I N@ANB@ FGA LC-&%P %&%@ J@I-M GIL MCK3&DD@L F&DG I M&PG DA DG@ .@@KB@ I%L AL&ACM -CB@ A. ; AK@-D #AC-D@%IJ A- FIM &D BA%P K@.A-@ DG@ IHD&'@ NAF@-M A. G&M 3&%L F@-@ HIBB@L &%DA .CB @T@-H&M@

#A33A% &%D@-@MDM I%L I HA33A% @%@3J A.D@% 3IO@ MD-I%P@ IBB&I%H@M -&@%%@ MAA% B@I-%D Z E [DGID I B@IPC@ GIL K@@% .A-3@L IPI&%MD G&M H-AF% K@DJ'@@% 5AG% <CHIM $IDIH@M !3N@-A- A. &H~I I%L 5AG% VI% a&%P A. DG@ CBPI-&I%M R DG@ .A-H@M FG&HG DG@ HAIB&D&A% FACBL K-&%P &%DA DG@ .&@BL F@-@ -@NA-D@L DA K@ KI-@BJ HIBHCBIKB@R DG@ N-@NI-ID&A%M FG&HG F@-@ K@&%P 3IL@ .A- DG@ INN-AIHG&%P HI3NI&P% F@-@ MI&L DA K@ &33@%M@ GID FIM %AF DG@ M&DCID&A% A. DG@ ID&%M G@ KCBO A. DG@&- D-AANM GIL @&DG@- -@DC-%@L GA3@ A- L@M@-D@L DA DG@ @%@3J LC-&%P DG@ N@IH@R DG@ -@3I&%L@- GIL K@@% -@H@%DBJ L&MKI%L@L F&DG '@-J .@F @TH@ND&A%M A% DG@ P-AC%L A. / I%L DA ANNAM@ I GAMD FG&HG FIM BAAM@BJ @MD&3ID@L ID 3@% DG@J GIL KCD A%@GC%L-@L I%L M&TDJ O%&PGDM I%L .AC- GC%L-@L .AAD -&@%%@ .&-3 I%L C%LIC%D@L GIL IB-@ILJ HA%H@-D@L F&DG DG@ $@%@D&I% NAL@MDI G@ANG&BA >@%A I

± < +# # * >D:Y 1 + < +#5 , * < :

E' :* ; ' A-' ' ' E

NBI%'A.'L@.@%M&'@'I%L'A..@%M&'@'AN@-ID&A%M FG@%'G@'-@H@&'@L'
&%D@BB&P@%H@'DGID'$IDIH@M'GI'&%P'L&M@3KI-O@L'G&M'D-AANM'
ID' I3NMIHCM'I%L'@..@HD@L'I'QC%HD&A%'F&DG'DG@' CBPI-&I%'
N-&%H@'&%'DG@'QH&%&DJ'A.'DGID'NBIH@'GIL'%AF'IL'I%H@L'
F&DG&%'I'MGA-D'L&MDI%H@'A.'#A%MDI%D&%ANB@'FG&B@'G&M'IL?
3&-IB' @A'1I'IBBI' &P%A-'A.'; GAL@M'HBAM@L'DG@'<I-LI?
%@BB@M'F&DG'I'.B@@D'A.'A%@'GC%L-@L'MI&B' GIBB'*'D@BB'GAF'
-&@%%@'&%MD@IL'A.'&%D-@%HG&%P'G&3M@a'K@G&%L'DG@'.A-D&.&?
HID&A%M'A.'DG@'HIN&DIB'&MMC@L'.A-DG'.-A3'DG@'1ABL@%'1ID@'
DA' 3@@D'DG@'&%%C3@-IKB@'GAMDM'A.'DG@'@%@3J'^' GIBB'*'-@?
BID@'DGID'@&PGD I%L .A-DJ'KIDDIB&A%M'F@-@'HCD'DA'N&@H@M'A-'
NCD'DA'.B&PGD'KJ'I'M&%PB@'-@P&3@%D'A.'&%.I%D-J'I%L'I'M&%PB@'
DIAAN'A.'GA-M@'^' @D'FGA'HI%'N-@MC3@'DA'HIBB'&%'SC@MD&A%'
DG@'D-CDG'A.'I'MDID@3@%D'FG&HG'IBB'G&MDA-&I%M'GI'@'IP-@@L'
&D'FACBL'M@@3'DA'&%L&HID@'I%L'HA%.&-3^' @'I-@'A%BJ'B@.D'
DA'HA%HBCL@'DGID'IM'DG@'B@'&@M'A.'DG@'IBB&@M'GIL'&%'IBB'N-A?
KIK&B&DJ'K@@%' C%CMCIBBJ'BI-P@'I'HA%M&L@-IKB@'N-ANA-D&A%'
A.'DG@'-@H-C&DM'F@-@'&3N@-.@HD'&%'DG@&-'L&MH&NB&%@'I%L'DGID'
&%'DG@'D-J&%P'GAC-'A.'KIDDB@'DG@J'MGI-@L'DG@'&%.BC@%H@'A.'
I'NI%&H'HA%MD@-%ID&A%' DG@-F&M@'&D'INN@I-M'L&..&HCBD'DA'
@TNBI&%'MA'@TD-IA-L&%I-J'I'H&-HC3MDI%H@

G@'-ACD'A.'DG@'HA%.@L@-IHJ'FIM'GAF@'@-'KJ'%A'3@I%M'
HA3NB@D@' .A-'&%'DG@'3@I%'D&3@'B@DD@-M'GIL'K@@%'-@H@&'@L'
ID'$@%&H@'.-A3'>@%A'I%L' -&@%%@'-@N-@M@%D&%P'DA'DG@'LAP@'
DG@'3IP%&DCL@'I%L'&33&%@%H@'A.'DG@'%@F'LI%P@-'FG&HG'
DG-@ID@%@L'DG@'HIN&DIB'A.'DG@' !IMD'KJ'BI%L'I%L'M@I'R &@?
NABA'FGAM@'@TN@-&@%H@'IM'0AL@MDI'@%IKB@L'G&3'DA'.A-3'I'
DAB@-IKBJ'HA--@HD'@MD&3ID@'A.'DG@'@T&P@%H&@M'A.'DG@'HIM@'BAMD'
&A'D&3@'&%'BIJ&%P'DG@'L@MNIDHG@M'K@.A-@'DG@'0-&'J' #AC%H&BR'
I%L'I'.B@@D'A.'.&'@ I%L DF@%DJ'PIBB@JM'FG&HG'F@-@'L@@3@L

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MC..&H&@%Dʻ .A-ʻ DG@ʻ NC-NAM@ʻ FIMʻ MAA%ʻ &%ʻ -@IL&%@MMʻ DAʻ MI&Bʻ .A-ʻ DG@ʻ @L&D@--I%@I%ʻ G@ʻ 0-A'@L&DA-Mʻ ZA-ʻ *%D@%LI%DM[ʻ &%ʻ HGI-P@ʻ F@-@ʻ @A%I-LAʻ _C&-&%&ʻ I%Lʻ I-HAʻ 1CMMA%&ʻ *Dʻ FIMʻ IDʻ DG@ʻ 3A3@%Dʻ FG@%ʻ DG@ʻ D-AANMʻ A.ʻ DG@ʻ HAIB&D&A%ʻ F@-@ʻ QCMDʻ K@P&%%&%Pʻ DAʻ FI'@-ʻ&%ʻ DG@ʻ N-@M@%H@ʻ A.ʻ Iʻ GI%L.CBʻ A.ʻ ID&%Mʻ DGIDʻ @Aʻ 1I'IBBIʻ L@MH-&@Lʻ DG@ʻ $@%@D&I%ʻ .B@@Dʻ N-@MM&%Pʻ IBBʻ MI&Bʻ .A-ʻ DG@ʻ <I-LI%@BB@Mʻ G@ʻ &P%A-ʻ GILʻ MHI-H@BJʻ D&3@ʻ DAʻ N-@NI-@ʻ .A-ʻ IHD&A%ʻ FG@%ʻ _C&-&%&ʻ I%Lʻ G&Mʻ HABB@IPC@ʻ KA-@ʻ LAF%ʻ CNA%ʻ G&3ʻ F&DGʻ DGIDʻ D-@3@%LACMʻ '@G@3@%H@ʻ I%Lʻ&3? N@DCAM&DJʻ FG&HGʻ GILʻ PI&%@Lʻ DG@&-ʻ HAC%D-Jʻ DG@ʻ '&HDA-Jʻ&%ʻ Iʻ GC%L-@Lʻ KIDDB@Mʻ R DG@ʻ MGAHOʻ FIMʻ &--@M&MD&KB@ʻ R DG@ʻ @%@3JUMʻ B&%@ʻ FIMʻ HA3NB@D@BJʻ K-AO@%ʻ R I%Lʻ DG@ʻ NIMMIP@ʻ A.ʻ DG@ʻ <I-? LI%@BB@Mʻ FIMʻ .A-H@Lʻ G@ʻ BAMMʻ A.ʻ 1I'IBBIʻ FGAM@ʻ MSCIL-A%ʻ FIMʻ N-AKIKBJʻ 3A-@ʻ .A-3&LIKB@ʻ &%ʻ NA&%Dʻ A.ʻ %C3K@-Mʻ DGI%ʻ &%ʻ NA&%Dʻ A.ʻ MD-@%PDG ʻ FIMʻ @TD-@3@BJʻ M@'@-@ʻ Q Iʻ BI-P@ʻ N-A? NA-D&A%ʻ A.ʻ G&Mʻ '@MM@BMʻ F@-@ʻ MC%Oʻ A-ʻ L&MN@-M@Lʻ R .AC- I%Lʻ DF@%DJʻ F@-@ʻ DIO@%ʻ R I%ʻ @SCIBʻ %C3K@-ʻ FG&HGʻ BIJʻ IDʻ I%HGA-ʻ &%ʻ DG@ʻ #.D-JMAH@-IMʻ F@-@ʻ KC-%Dʻ DAʻ DG@ʻ FID@-UM@LP@R I%Lʻ DG@ʻ $@%@D&I%ʻ HA33I%L@-Mʻ GI'&%Pʻ IHG&@'@L'DG&Mʻ M&P%IBʻ MCHH@MMʻ 3IL@ʻ Iʻ D-&C3NGIBʻ @%D-Jʻ &%DAʻ #A%MDI%D&%ANB@ʻ FG@-@ʻ DG@Jʻ -@H@&'@Lʻ DG@ʻ FI-3ʻ HA%P-IDCBID&A%Mʻ A.ʻ >@%Aʻ I%Lʻ -&@%%@ʻ %ʻ DG@&-ʻ -@DC-%ʻ DAʻ $@%&H@ʻ FG@-@ʻ DG@ʻ -@MCBDʻ A.ʻ DG@ʻ HA%D@MDʻ GILʻ K@@%ʻ I%T&ACMBJʻ @TN@@D@Lʻ DG@ʻ '&HDA-&ACMʻ IL3&-IBMʻ F@-@ʻ 3@Dʻ IDʻ DG@ʻ NBIH@ʻ A.ʻ L&M@3KI-OID&A%ʻ KJʻ &@NABAʻ G&3M@B.ʻ FGAʻ HA3NB&3@%D@Lʻ DG@3ʻ A%ʻ DG@&-ʻ @TNBA&Dʻ &%ʻ DG@ʻ 3AMDʻ .BIDD@-&%Pʻ D@-3Mʻ I%Lʻ DGI%O@Lʻ DG@3ʻ &%ʻ DG@ʻ %I3@ʻ A.ʻ DG@ʻ -@NCKB&H

≠3 ʻ ʻ ! ʻ ʻ ≠ ! ʻ ʻ& ʻ % 'ʻ ʻ ʻ !ʻ ʻ * ≠&! !ʻ! ʻ , % ʻ ʻ ʻ! ʻ *ʻ 'ʻ4 * ʻ ʻ$ ʻ7 'ʻ ʻ ʻ<>:

G@ LACKB@ '&HDA-J A. DG@ ID&%M MA MNB@%L&L MA D&3@BJ MA BI-P@BJ NI-DIO&%P A. DG@ 3I-'@BBACM GIL MI'@L DG@ HIN&DIB A. DG@ ! IMD .-A3 DG@ &%'IL@-M FG&B@ &D DGA-ACPGBJ DGFI-D@L DG@ I3K&D&ACM L@M&P%M A. DG@ ! 3N@-A- A. &H&@I G@ &%GIK&DI%DM A. DG@ DAF%M I%L '&BBIP@M DG-ACPG FG&HG DG@ L&MHA3.&D@L I%L MGIDD@-@L KIDDIB&A%M A. DG@ IBB&@M F@-@ AKB&P@L DA NIMM GI-IMM@L DAA DG@&-@D-@ID I%L HCD A..dI%J MD-IPPB&%P L@DIHG3@%DM FG&HG .@BB &%' DG@&- FIJ %L &D FIM F&DG @TD-@3@ L&..&HCBDJ I%L GIVI-L DGID DG@ MSCIL-A% A. 1I'I I FG&HG GIL IBMA MC..@-@L M@'@-@BJ LC-&%P DG@ -@? H@%D IHD&A% -@PI&%@L DG@ GI-KAC- A. I3NMIHCM $IDIH@M KC-%@L F&DG -IP@ I%L MGI3@ "A- G@ GIL HAC%D@L A% I% @IMJ D-&C3NG I%L DG@-@ FIM @'@-J H&-HC3MDI%H@ HA%? %@HD@L F&DG G&M L@.@ID FG&HG HACBL -@%L@- DGID L@.@ID 3A-@ PIBB&%P I%L GC3&B&ID&%P DA G&M N-&L@

FA J@I-M BID@- DG@ MFA-L FIM IPI&% L-IF% Z E [I%L $IDIH@M -@MC3@L DG@ A..@%M&'@ &% HA%H@-D F&DG G&M MD@ILJ IBBJ DG@ a&%P A. CBPI-&I F&DG C%L&&%&%&mG@L V@IB I%L IHD&'&DJ &%H@ DG@D@-3&%ID&A% A. DG@ BIMD FI- VI% &D INN@I-M GIL .AC%L D&3@ DA 3I% I%L @SC&N I .B@@D A. .&'@ I%L DF@%DJ PIBB@JM R I%L DG@ BIC%HG A. DG@M@ '@MM@BM .-A3 A%@ A. DG@ NA-DM A. DG@ !CT&%@ A..@-@L IHHA-L&%P DA <CHI%P@ DG@ .&-MD &%MDI%H@ &% FG&HG DG@ CBPI-&I% .BIP GIL FI'@L A% DGID M@I G@N-@M@%D HI3NI&P% FG&HG FIM IB3AMD @THBCM&'@BJ 3I-&D&3@ FIM GAF@'@- MHI-H@BJ B@MM C%.A-DC%ID@ .A- DG@ HAIB&D&A% DGI% GIL K@@% DG@ N-@H@L&%P A%@ -&@%%@ MD&BB 3I&%DI&%@L DG@ $@%@D&I% HA%%@HD&A% I HA%%@HD&A% FG&HG A% DG@ A%@ GI%L INN@I-@L DA GI'@ K@? HA3@ %@H@MMI-J DA DG@ N-@M@-'ID&A% A. G&M H-AF% I%L A% FG&HG DG@ -@NCKB&H HACBL %AD KCD .@@B A% DG@ ADG@- DGID

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DG@ &3NA-DI%H@ I%L M@HC-&DJ A.DG@ "IHDA-J ID #A%MDI%D&?
%ANB@ I%L A.G@- @'I%D&%@ @MDIKB&MG3@%DM P@%@-IBBJ L@
N@%%@L DA I'BI-P@ @TD@%D CD DG@ @3N@-A- GIL IBMA .AC%L
I CM@.CB IBBJ &% I%ADG@- SCI-D@-R &D FIM 1@A..-@J L@ $&BB@
GI-LAC&% O-&%H@ A. HGI&I DG@ %@NG@F I%L G@&- A. DG@
H@B@K-ID@L I-MGIB A.#GI3NIP%@ A.DGID%I3@ I%L.I3&BJ
I%L I 3I% FGA F&DG G&M MABL&@- B&O@ SCIB&D&@M M@@3M DA
GI'@ HA3K&%@L %A MB&PGD @TN@-&@%H@ A.%I'IB I..I&-M %
K@&%P INN-&M@L A.DG@ -@%@FIB A.GAMD&B&D&@M $&BB@GI-LAC&%
ID A%H@ @%D-CMD@L DG@ PA'@-%3@%D A. HGI&I DA DG@ HI-@
A.G&M K-ADG@- &BB&I3 I%L GIMD@%@L DA DG@ MCHHAC- A.DG@
ID&%M G@ '@MM@BM ID G&M L&MNAMIB F@-@ .@F &%L@@L &%
NA&%D A.%C3K@-R DG@J L&L %AD @TH@@L M&T 3@% A. FI-
3AC%D&%P I.A-H@ A.%&%@ GC%L-@L 3@% @D IBB DG@M@ DG@
N-&%H@ -@.B@HD@L F@-@ N&HO@L D-AANM R G@ HAC%D@L I3A%P
DG@3 %A .@F@- DGI% I GC%L-@L O%&PGDM I%L DG@ @%@3JUM
MG&NM A% DG@ HA%D-I-J DGACPG -@IHG&%P &D FIM MI&L I
GC%L-@L I%L M&TDJ MI&B F@-@ -@NA-D@L DA K@ KADG &BB 31%%@L
I%L &BB HA331%L@L G@ @'@%D .CBBJ I&&+F@-@L DA G&M I%D?
H&NID&A%M $&BB@GI-LAC&% .AC%L DG@ C%&D@L .B@@DM A. VI%
I%L $IDIH@M BJ&%P %@I- DG@ @%D-I%H@ A.DG@ <I-LI%@BB@MR
DG@J M@@3@L DA AKM@-'@ B&DDB@ A-L@- A- L&MH&NB&%@R I%L
1@A..-@J &%MDI%DBJ N@-H@&'@L F&DG DG@ SC&HO @J@ A. I MAB?
L&@-'DGID DG@ IBB&@L HA331%L@-M GIL HA33&DD@L DG@ @P-@?
P&ACM @--A- A.@TD@%L&%P DG@&- B&%@ A'@- DAA F&L@ I MNIH@
@&V&%P DG&M &3NA-DI%D IL'I%DIP@ DG@ N-&%H@ N&@-H@L DG@&-
H@%D-@ HINDC-@L .&.D@@% A. DG@&- '@MM@BM I%L F&DG DG@M@
D-ANG&@M &% DAF D-&C3NGI%DBJ @%D@-@L DG@ 1ABL@% :A-%
G@-@ G@ @..@HD@L I QC%HD&A% F&DG >@%AUM MCHH@MMA- &% DG@
NAL@MDID 1&A'I%%& &HG&@B& FGA F&DG .&.D@@% $@%@D&I%

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F@BʻBAMʻ&%ʻDG@ʻ.&'@ʻA-ʻM&TʻF@@OMʻFG&HGʻ3CMʻA-L&%I&&BJʻ @BINM@ʻK@.A-@ʻMG@ʻHACBLʻI.&K-Lʻ&ʻ-@B&@.ʻ G@M@ʻHA%M&L@-I? D&A%MʻʻLCH@LʻʻAG%ʻL@ʻ -&@%%@ʻDAʻBAM@ %Aʻ D&3@ʻ&%ʻ -@? %@F&%PʻK&MʻINN@IBMʻDAʻDG@ʻADG@-ʻH-AF%@LʻG@ILMʻA.ʻ!C-AN@ʻ .A-ʻMCHHAC-ʻI%LʻMCNNA-DR G&MʻMA% && BIFʻDG@ʻO-&%H@ IBL? F&%ʻFIMʻ%AFʻL@MNIDHG@LʻʻA-ʻDG&MʻNC-NAM@ʻDAʻDG@ʻHAC-ʻDʻA.ʻ DG@ʻ -@%HGʻa&%PR I%LʻIʻDG@ʻMI3@ʻD&3@ʻDG@ʻ<AP@ʻ &@NABAʻ M@%ʻI%ʻI3KIMMILA-ʻ &3A%@ CA%A DAʻOI-&MʻDAʻIMM&MʻD&%ʻ HA%H@-D&%PʻMA3@ʻ@ "@HDCIʻ3@IMC-@MʻʻA-ʻDG@ʻN-@M@-'ID&A%ʻA.ʻ DG@ʻ JVI%D&%@ʻ@3N&-@ ʻ G@ʻNAN@ʻDAAʻB@%ʻG&MʻI&LʻDAʻDG@ʻ 3A'@3@%ʻ ʻ%@Fʻʻʻ

FG&HG G@ FIM -I&M&%P C%L@- DG@ %I3@ I%L ICDGA-&DJ A. DG@ O-@%HG a&%P F@-@ .I- .-A3 HA3NB@D@R I%L DG@ HAC-D A. AC&M I..A-L@L ID B@IMD I MI.@ I%L GAMN&DIKB@ MG@BD@-

G@ -@&P%' A. IBLF&%' ** DG@ BIMD I%L F@IO@MD A. DG@ &3N@-&IB GACM@ A.#AC-D@%IJ HI% MHI-H@BJ HBI&3 I NBIH@&% DG@ I%%IBM A. DG@ $@%@D&I% -@NCKB&H & D N-AN@-BJ K@BA%PM DA DG@ G&MDA-J A. DG@ AF@- !3N&-@ G@ NCKB&H HI-@@- A. DG@M N-&%H@ FG&HG @TD@%L@L %A3&%IBBJ .-A3 I-HG E/ DA 5CBJ , FIM -@NB@D@ F&DG L&MP-IH@ I%L 3&M? .A-DC%@R C%L@- G&M .@@KB@ -CB@ DG@ @3N&-@ A. DG@ ID&%M -IN&LBJ I%L N@-H@ND&KBJ L@HB&%@L DA &DM .IBBR I%L &% , IBLF&% FIM L-&'@% .-A3 G&M DG-A%@ KJ &HGI@B OIBIHA BAPCM FGA -@ @MDIKB&MG@L &% G&M AF% N@-MA% DG@ @3N&-o A. DG@ 1-@@OM

G@-@ FIM A%@ H&-HC3MDI%H@ GAF@'@- HA%%@HD@L F&DG DG@ -@&P% A. IBLF&% #AC-D@%IJ FG&HG L@M@-'@M AC- ID? D@%D&A% *D MGACBL K@ O%AF% DGID ID DG@ N@-&AL A. DG@ IHH@MM&A% A.5AG% L@ -&@%%@Z 8[DA DG@&3N@-&IB DG-A%@ DG@ .&%I%H&IB N-AMN@HDM A. DG@ DID@ F@-@ '@-J .I- .-A3 K@&%P K-&PGD A- N-AMN@-ACM R LC-&%P DG@ @&PGD J@I-M DG&M N-&%H@ -@3I&%@L &% NAF H- DGAM@ N-AMN@HDM GIL K@HA3@ A%BJ 3A-@ I%L 3A-@ PBAA3J M&%H@ DG@ @TN@%M@M A. DG@ FI- F&DG 1-@@H@ I%L CBPI-&I HA%M&L@-IKBJ 3A-@ DGI% IKMA-K? @L DG@ MHI%DJ -@'@%C@ I-&M&%P .-A3 DG@ D-IL@ I%L HCMDA3M A. #A%MDI%D&%ANB@R I%L A% DG@ L@H@IM@ A. -&@%%@ &% DG@ 3A%DG A. I-HG E/ DG@ L&MD-@MM A. DG@ PA'@-%3@%D FIM MCHG DGID DG@ -@P@%D #IG&@% .AC%L &D %@H@MMI-J DA AN@% MCKMH-&ND&A%M .A- I BAI% G@ N-&%H&NIB NI-D&H&NIDA-M F@-@ $@%@D&I% I%L 1@%A@M@ 3@-HGI%DM I3A%P FGA3 F@

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P-I%L.IDG@-‘ I-KI-AMMI‘ ADG‘F@-@‘IMMC-@LBJ 3@%‘A.‘P-@I‘ P@%&CM‘I%L‘HA33I%L&%P‘3&%LR‘&%‘KADG‘F@-@‘.AC%L‘C%&D@L ‘ F&DG‘MNB@%L&L‘DIB@%DM‘I%L‘‘&-DC@M‘A.‘I‘G&PG‘A-L@-‘‘I‘N-&L@‘ FG&HG‘-I-@BJ‘MDAAN@L‘DA‘NB@IM@‘A-‘N@-MCIL@‘‘I%L‘I‘D@3N@-‘ DAA‘.&@-J‘I%L‘.&D.CB‘DA‘AK@J‘DG@‘HAC%M@BM‘A.‘N-CL@%H@

*.‘F@‘@TH@ND‘A%@‘A3&%ACM‘I%L‘M&P%&.&HI%D‘H&-HC3MDI%H@‘ DG@‘-@%@FIB‘A.‘DG@‘ A3KI-L‘B@IPC@‘A%‘DG@‘ %L‘ I-HG‘ ,‘.A-‘I‘D@-3‘A.‘.&‘'@ I%L DF@CDJ‘J@I-M+‘DG@‘@I-B&@-‘ J@I-M‘A.‘DG@‘BA%P‘-@&P%‘A.‘"-@L@-&H‘**‘F@-@‘C%L&MD&%? PC&MG@L‘KJ‘I%J‘@'@%D‘FG&HG‘HACBL‘K@‘MI&L‘DA‘I..@HD‘DG@‘ .A-DC%@M‘A.‘DG@‘-@NCKB&H‘A.‘$@%&H@‘ GAM@‘J@I-M‘F@-@‘ MN@%D‘&%L@@L‘.A-‘DG@‘3AMD‘NI-D‘@&DG@-‘&%‘1@-3I%J‘A-‘ NCB&I‘ CD‘&%‘ E ‘DG@‘@3N@-A-‘GIL‘AHHIM&A%‘DA‘'&M&D‘ DG@‘ A-DG‘A.‘*DIBJR‘I%L‘&D‘M@@3M‘DGID‘G@‘GIL‘IL'I%H@L‘IM‘ .I-‘IM‘ SC&B@&I‘FG@%‘G@‘HA%H@&'@L‘I‘MCLL@%‘L@M&-@‘DA‘ M@@‘DG@‘$@%@D&I%‘HIN&DIB‘ :&M‘HC-&AM&DJ‘FIM‘%AD‘B@.D‘C%? P-ID&.&@L‘ G@‘-@H@ND&A%‘FG&HG‘5&@‘3@D‘ID‘DG@‘GI%LM‘A.‘ &@NABA‘FIM‘&%‘DG@‘G&PG@MD‘L@P-@@‘MNB@%L&L‘I%L‘GA%AC-? IKB@R+‘I%L‘&%‘G&M‘K@I-&%P‘DAFI-L‘DG@‘P-@ID‘N@ANB@‘I3A%P‘ FGA3‘G@‘GIL‘HA3@‘DA‘3IO@‘I‘MGA-D‘MDIJ‘IM‘F@BB‘IM‘ DAFI-L‘DG@&-‘HG&@.‘3IP&MD-ID@‘&%L&HID@L‘I‘F&MG‘@'@%‘ I%‘I%T&@DJ‘DA‘3I&%DI&%‘G&M‘I3&HIKB@‘-@BID&A%M‘F&DG‘DG@‘ -@NCKB&H‘ G@‘I..I&-M‘A.‘DG@‘N@%&%MCBI‘F@-@‘ID‘DGID‘D&3@‘ AHHCNJ&%P‘G&M‘ IQ@MDJUM‘HBAM@MD‘I%L‘3AMD‘HA%MDI%D‘IDD@%? D&A%‘R G@‘GIL‘.-@SC@%D‘HA%'@-MID&A%M‘F&DG‘DG@‘LAP@‘A%‘DG@‘ MCKQ@HDR‘I%L‘DG@‘BIDD@-‘HACBL‘GI-LBJ‘.I&B‘DA‘K@‘.A-H&KBJ‘ MD-CHO‘F&DG‘DG@‘AK'&ACM‘QCMD%@MM‘A.‘"-@L@-&HUM‘-@3I-OM‘ *D‘FIM‘3CHG‘DA‘K@‘-@P-@DD@L‘G@‘AKM@-'@L‘A%‘A%@‘AHHIM&A%

± 2 ' ‘7 ‘* <<:
Q ‘7 ‘5‘* >@/:N‘ 1 ' ‘7 ‘*‘ >:

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DGID DG@ *DIB&I% 3C%&H&NIB&D&@M L&L %AD &3L@-MDI%L DG@&-
 D-C@ &%D@-@MDM &DG FGID IL'I%DIP@ DG@J 3&PGD DIO@
2$@%&H@ IM DG@&- 3AL@B] %L FGID I N-ACL J@D FGID I
3@BI%HGABJ HA%D-IMD G@- HA%L&D&A% N@IH@.CB I%L .BAC-&MG?
&%P A..@-@L DA DGID A. 3I%J A. G@- %@&PGKAC-M I%L HA%?
D@3NA-I-&@M N@-N@DCIBBJ DA-% IM DG@J F@-@ KJ &%D@MD&%@
L&'&M&A%M I%L L&MA-L@-M D DG@ MI3@ D&3@ &@NABA
3&PGD K@ A. AN&%&A% DGID GIL DG@ @3N@-A- HI--&@L G&M &%?
SC&-J KCD I B&DDB@ .I-DG@- G@ 3&PGD NAMM&KBJ GI'@L&MH@-%@L
A%@ HICM@ ID B@IMD A%@-AAD A.DG@ @'&B FG&HG G@ L@NBA-@L
MA 3CHG : @ 3&PGD GI'@ N@-H@&'@L DGID &D BIJ &% G&M AF%
A'@-F@Q&%&%P I%L -@MDB@MM I3K&D&A% I%L &% G&M NAF@-.CB
J@D .CD&B@ @%L@I'AC-M DA HG@HO DG@ L@'@BAN3@%D A. DG@
MN&-&D A. DG@ IP@ *D &M N-AKIKB@ DGID G@ 3&PGD GI'@
@MMIJ@L F&DG I% @SCIB N&AMN@HD A. MCHH@MM DA MDIJ DG@
DA--@%D A.DG@ N@%%&%@M A-DA 3@BD KJ I% IHD A.''AB&D&A%
DG@ @D@-%IB PBIH&@-M A.DG@ 1-@ID I&%D @-%I-L

: &MDADJ &% D-CDG 3&PGD D@IHG "-@L@-&H DGID DG@ $@%@?
D&I%M F@-@ LI%P@-ACM I%L .A-3&LIKB@ @%@3&@M FG&B@ A%
DG@ ADG@- GI%L KJ I N-&%H@ FGA IM I% *DIB&I% KJ K&-DG
I%L .@@B&%P M@D I 3CHG G&PG@- 'IBC@ A% G&M NAMM@MM&A%M
&% DG@ N@%&%MCBI DGI% @&DG@- G&M .IDG@- A- G&M P-I%L.IDG@-
DG@&- IBB&I%H@ FIM IKA'@ IBB ADG@-M DA K@ MACPGD I%L HCB?
D&'ID@L "A- DG@ 'IMD &%.BC@%H@ FG&HG DG@ -@NCKB&H GIL
IHSC&-@L &% DG@ N@%&%MCBI M&%H@ DG@ HA33@%H@3@%D A. DG@
BIMD 'I- FIM MD&BB -IN&LBJ &% DG@ IMH@%LI%DR G@- 'A&H@ GIL
F@&PGD &% @'@-J HIK&%@D R G@- .BIP FIM -@MN@HD@L A% @'@-J
M@IR I%L MCHG FIM DG@ G&PG I%L P@%@-IB -@NCDID&A% FG&HG
G@- %AK&B&DJ @%QAJ@L .A- IL3&%&MD-ID&'@ IK&B&DJ DGID DG@ .-@@
DAF%M A. A3KI-LJ FG&HG GIL .A- MA3@ D&3@ K@@% .A-H@L

KJ DG@ '&AB@%H@ A. NI-DJ MN&-&D I%L KJ DG@Q@IBACM -&'IB-J @T&MD&%P I3A%P DG@&- AF% PA'@-%&%P HBIMM DA M@@O DG@3 NAL@MDm&%DG@N@-MA% A.MA3@MD-I%P@- A.L&MD&%HD&A% 3AMD .-@SC@%DBJ HGAM@ DGAM@ 3IP&MD-ID@M I3A%P DG@ 3@3K@-M A. DG@ 1-@ID #AC%H&B A. $@%&H@ GCM ID DG@ NI-D&HCBI- N@-&AL A. FG&HG F@ I-@ F-&D&%P O&@D-A &@NABA DG@LAP@UM @BL@MD MA% FIM OAL@MDm A. &BI% DG@ .&-MD A. DG@ 1 C@BNG&H H&D&@M ;@%&@-A >@%A G@BL DG@MI3@ A..&H@ ID ABAP%I &HG@B@ A-AM&%& ID "I@%VI e I-&%A<I%LABA ID -@'&MA + I-&%A ILA@- ID OILCIRe FG&B@ D@.I%A ILA@- FIM -@? M&L&%P ID "@& I-I F&DG DG@ D&DB@ A. " IM DG@-@N-@? M@%DID&'@ I%L PCI-L&I% A. DG@ HA33@-H&IB &%D@-@MDM A. G&M HAC%D-J ID DG ID NBIH@Ré I%L &D FIM AK'&ACM DG ID FG@-@'@- DG@M@ INNA&%D3@%DM F@-@ 3IL@ DG@J FACBL HI--J F&DG DG@3 DA I H@-DI&% @TD@%D DG@ 'A&H@ I%L &%.BC@%H@ A. DG@ -@NCKB&H

"-@L@-&H FIM %AD I MD-I%P@- DA MCHG I%L M&3&BI- HA%? M&L@-ID&A%M R %A- HI% &D K@ MCNNAM@L DG ID G@ FIM &P%A-I%D UG@-@ K&M D-C@ &%D@-@MDM BIJ CD DG@ .IHD M@@3M DA GI'@ K@@% DG ID G@ FIM DAA NIMM&A%ID@ I%L G@ILMD-A%P KJ %IDC-@ DA .ABBAF DG@3 ID IBB D&3@MR I%L F@ MGIBB .&%L DG ID KJ I% IHD P-AMMBJ &%QCL&H&ACM DA MIJ DG@ B@IMD G@ MAA% L@? MD-AJ@L I% IBB&I%H@ FG&HG 3&PGD GI'@PA%@ .I- DA N-A3AD@ DG@ MCHH@MM A. DG@ HICM@ FG&HG BIJ MA %@I- G&M G@I-D

!HH@B&%A DG@ A%O M@HA%L A-L A. ;A3I%A B@.D ID G&M L@IDG DFA MA%M DG@ @BL@- GIL K@@% HG-&MD@%@L I.D@- G&M

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 $ j <// 3 j / Q 2 Z * * >:
 2 ' 7 **=@:
Q $ '* 2 Z & !1 ' 7 * :

.IDG@- ! HH@B&%AR DG@ %I3@ A. DGW ADG@- FIM BK@-&PA K DB&@ .A-3@- DG@ ABL BA-L B@.D IBB G&M HIMDB@M K@DF@@% OILCI I%L $@-A%IR DG@ BIDD@- -@H@&'@L IM G&M MGI-@ A. DG@ NID-&3A%J IBB DGAM@ &% DG@ '&H&%&DJ A. -@'&MA ADG DG@ ;A3I%& F@-@ 3@% A. @TH@BB@%D C%L@-MDI%L&%P I%L MCN@? -&A- IHSC&-@3@%DM *%KADG &D 3&PGD K@ -@3I-O@L DGID DG@ -&HG%@MM A.DG@ &%D@BB@HDCIB P&.D KCD NAA-BJ HA3N@%MID@L .A- DG@ Q@QC%@%@MM A. DG@ 3A-IB&DJ %L DG&M INNB&@L &% I P-@ID@- L@P-@@ N@-GINM DA !HH@B&%A DGI% DA G&M JAC%P@- K-ADG@- "A- DG@ %@F @&P%@C- A. ;A3I%A FIM N@HC? B&I-BJ A%@ A.DGAM@ 3@% MA HA33A% &% DC-KCB@%D I%L C%? M@DDB@L D&3@M FGA QA&%DA I''IMD HINIH&DJ I%L G&PG 3@%DIB @%LAF3@%DM I M@I-@L HA%MH&@%H@ I%L I HABL L@N-I'@L G@I-D *D FIM %AD BA%P K@.A-@ DG@ @3N@-A- L&MD-IHD@L KJ DG@ H&'&B FI-M A. 1@3&I%J K@PI%DA .@@B DG@ FI%D A. MCHG I% &%MD-C3@%D &% DG@ N@%&%MCBI G@ *DIB&I% FIM @IM&BJ PI&%@L KJ .BIDD@-J I%L N-&'&B@P@M %L FGID ;@&%ABL A. #ABAP%@ I%L #G-&MD&I% A. IJ@%H@ GIL K@@% &% DG@ N-@H@L&%P H@%DC-J DA "-@L@-&H * MCHG %AF DA "-@L@-&H ** FIM !HH@B&%A LI ;A3I%A

G@ HI3NI&P%M A. E, I%L DG@ MCHH@@L&%P J@I- F@-@ 3AMDBJ .I'AC-IKB@ DA DG@ I-3M A. "-@L@-&H G@ 1C@BNGM AKDI&%@L &%L@@L I .@F C%&3NA-DI%D IL'I%DIP@M K@.A-@ OILCI I%L -@'&MA FG@-@ DG@ $@%@D&I%M B@%D MA3@ MCN? NA-D DA DG@ HICM@ A. B&K@-DJ D DG@ .A-3@- NBIH@ 3A-@ NI-D&HCBI-BJ DG@ OAL@MDm I-&%A ILN@- L&MD&%PC&MG@L G&3M@B. KJ G&M PIBBI%D I%L MD-@%CACM -@M&MDI%H@ DA DG@ @%@3J CD G@ FIM HA3N@BB@L ID BIMD DA -@D&-@ K@.A-@ MCN@-&A- %C3K@-MR I%L KADG DGAM@ H&D&@M .@BB &%DA DG@ NAF@- A. !HH@B&%A "-A3 #-@3A%I OI'&I I%L ADG@- 1G&K@BB&%@M

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DG@ @3N@-A- -@H@&'@L HA%P-IDCBIDA-J ILL-@MM@M I%L -@&%?
.A-H@3@%DM A. D-AANM I%DCI I%L DG@ #AC%D A. I% A%&?
.IH&A L&L G&3 GA3IP@ $&H@%VI -@MH&I I%L "I@%VI F@-@
DIO@% KJ IMMICBD &BI% GAF@'@- DG@ MD-A%P@MD .A-D-@MM
&% A3KI-LJ MD&BB -@3I&%@LR I%L .A- DB&ID P-@ID KA-ACPG
FG@-@ IM F@ GI'@ AKM@-'@L DG@ MA% A. DG@ <AP@ A. $@?
%&H@ G@BL HA33I%L IM OAL@MDm I MD&BB GI-L@- .ID@ FIM
-@M@-'@L

% B@I-%&%P DG@ -IN&L I%L D-&C3NGIB N-AP-@MM A. DG@
&3N@-&IB&MDM DG@ &BI%@M@ &% HA%H@-D F&DG DG@&- IBB&@M A.
$@-H@BB& A'I-A I%L B@TI%L-&I GIL IL'I%H@L C%L@- DG@
HA33I%L A. O&@D-A &@NABA DA ANNAM@ DG@&- -@LACKDIKB@
I%DIPA%&MD F&DG&% I MGA-D L&MDI%H@ A. I%@-K&A A% DG@
PB&A FG@-@ DG@J DAAO CN I MD-A%P NAM&D&A%R DG@J %AF
3IL@ N-@NI-ID&A%M DA L&MNCD@ DG@ NIMMIP@ A. DGID -&'@-R
I%L DG@J INN@I-@L DA GI'@ HGAM@% DG@&- P-AC%L MA F@BB
DGID DG@ @3N@-A- FG@% K@ INN-AIHG@L MC..&H&@%DBJ %@I-
DA -@HA%%A&D-@ L&L %AD HGAAM@ DA IDDIHO DG@3 % DG@
HA%D-I-J GI'&%P -@H@&'@L DG&M C%@TN@HD@L HG@HO G@ FIM
@'&L@%DBJ L@M&-ACM A. K-&%P&%P DG@ HI3NI&P% A. E/ DA
I HBAM@ "A- &D FIM IB-@ILJ DG@ /DG A'@3K@-Q I%L I
F&%D@- FG&HG N-A3&M@L DA K@ M@'@-@ FIM M@DD&%P &% .IMD
%L MCHG I MCNNAM&D&A% FIM HA%G-3@L &% DG@ 3&%L A.DG@
1C@BNGM FG@% DG@J MIF "-@L@-&H L-IF A.. G&M .A-H@M .-A3
I%@-K&A I%L H-AMM&%P DG@ PB&A ID OA%D@'&HA 3I-HG &%
DG@ L&-@HD&A% A. #-@3A%I + FG@-@ G@ I%%AC%H@L G&M &%?
D@%D&A% A. IFI&D&%P I 3A-@ P@%&IB M@IMA% G@ OAL@MDm
&@NABA I%L G&M A..&H@-M HA%M@SC@%DBJ HA%HBCL&%P DGID
AN@-ID&A%M FACBL %AD -@HA33@%H@ D&BB DG@ MN-&%P A. DG@

É Q2 ' Ø7 !, :

L@D@-3&%@L'DGID'DG@'-@NCKB&H'MGACBL'.@@B'F&DGACD'.I-DG@-'
L@BIJ'DG@'.A-H@'A.'G&M'-@M@%D3@%D'.A-'DG@'MGI-@'MG@'GIL'
DIO@%'&%'DG@'L@.@%H@'A.'OILCI'I%L'-@'&MA' HHA-L&%PBJ'I'
L@MH@%D'FIM'MGA-DBJ'3IL@'KJ'G&M'.I&DG.CB'B&@CD@%I%D'!HH@'
B&%A'A%' @MD-I'I%L' C-I%AR'DG@'FGAB@'L&MD-&HD'FIM'BI&L'
FIMD@'I%L'L@MABID@R'DG@'-&HG' KK@JM'A.' I&%D'#JN-&I%'I%L'
I&%D':&BI-J'F@-@'DIO@%'I%L'L@MNA&B@L'KJ'DG@'@%@3J'I%L'
DG@'3A%OM'F@-@'.A-H@L'DA'M@@O'-@.CP@'ID' A-H@BBA FG@-@'DG@J'
.AC%L@L'I'%@F'&%MD&DCD&A%' &%' GA%AC-'A.' I&%D' %DGA%JR'
I%L'DG@'&3N@-&IB&MDM'IL'I%H@L'F&DGACD'&%D@--CND&A%'IB3AMD'
DA'DG@'KA-L@-M'A.'DG@'BIPAA%' CD'G@-@'DG@&-'.I-DG@-'N-A?
P-@MM' FIM' ANNAM@L'KJ'1&A'I%%&' &@NABA'DG@'LAP@UM'M@HA%L'
MA%' FGA'GIL'K@@%' M@%D'KJ'DG@'PA'@-%3@%D'F&DG'I'HA%?
M&L@-IKB@'KALJ'A.'D-AANM'DA'-@N@B'DG@'&%'IM&A%R'DG@'$@%@?
D&I%M' MCHH@MM&'@BJ'-@HA'@-@L' @MD-I'I%L' C-I%A'L-&'&%P'
KIHO'DG@'IPP-@MMA-M' F&DG'&PAC-'I%L'PIBBI%D-JR'DG@' @%@?
L&HD&%@M' F@-@' -@&%MDID@L'&%' DG@&-'NAMM@MM&A%MR' I%L'DG@'
B&@CD@%I%D'A.'DG@'@3N@-A-'FIM' MAA%' HA3N@BB@L DA'-@D&-@'
F&DG'BAMM

@'GI'@'HGI-IHD@-&V@L'DG@'&HDA-J'A.'#A-D@%A'I'IM'DG@'
3AMD'&3NA-DI%D'&%'DG@'HI3NI&P%'A.' E/'&D'FIM'N-A?
KIKBJ'IBMA'DG@'P-@ID@MD'I%L'DG@'3AMD'K-&BB&I%D' CD'DGID'
'&HDA-J'FIM'MCBB&@L'KJ'A%@'KBIHO'I%L'&BB QCLP@L'IHD' *D'
GIL'K@@%'O%AF%'.A-'MA3@'D&3@'ID'$@%&H@'DGID'O&@D-A'
&@NABA'FIM'BI%PC&MG&%P'&%'DG@'LC%P@A%M'A.' NCB&I+'FG@%'
DG@'I..B&HD&%P'%@FM'I--&'@L'DGID''-@L@-&H'GIL'A-L@-@L'G&3'
DA'K@'L@HIN&DID@L'I%L'DGID'DG@'C%.A-DC%ID@'P@%@-IB'GIL'
K@@%'IHHA-L&%PBJ'B@L'.-A3'I'N-&MA%'DA'I'MHI..ABL' G@'
M@%MID&A%'FG&HG'DG&M'&%D@BB&P@%H@'N-ALCH@L'FIM'NAF@-.CB

'' 2 '2 ' '7 '* :

I%L N-A.AC%L DG@ P-&@.A. DG@ @BL@- &@NABA FIM NA&P%I%D I%L L&MHA%MABID@R DGID '@%@-IKB@ 3I%.@BD %AD C%%IDC-IBBJ DGID DG@ BAMM FG&HG G@ GIL QCMD MCMDI&%@L &% DG@ N@-MA% A. O&@D-A FIM I% &--@NI-IKB@ A%@R G@ %@'@- -@HA'@-@L &% D-CDG .-A3 DGh MGAHOR I%L &D .BC%P I '@&B A. 3AC-%&%P A'@- DG@ HBAM&%P J@I-M A. G&M B&.@

CD &D FIM %AD BA%P K@.A-@ MA--AF FIM 3IL@ DA P&'@ NBIH@ DA ADG@- I%L I%P-&@- .@@B&%PMR DG@ 3AMD '&AB@%D &%? L&P%ID&A% FIM MAA% 3I%&.@MD@L KJ DG@ PA'@-%3@%D IM F@BB IM DG@ NCKB&H ID DG@ H-C@B I%L ID-AH&ACM ACD-IP@ FG&HG GIL K@@%& A..@-@L DA DG@ $@%@D&I% %I3@R I%L M@'@-@ &%? L@@L FIM DG@ -@D-&KCD&A% FG&HG DG@ &P%A-J L@D@-3&%@L DA @TIHD .A- DG@ L@IDG A. O&@D-A &@NABA + G@ @%ID@ GIL -@IMA% DA K@B&@'@ DGID &D GIL K@@% ID DG@ &%MD&PID&A% A. DG@ @&P%@C- A. ;A3I%A DGID "-@L@-&H M&P%@L DG@ FI--I%D .A- DG@ @T@HCD&A% A. DG@&- .@ AF H&D&VW% &D FIM A% !HH@B&%A IHHA-L&%PBJ DGID DG@ .&-MD F@&PGD A. DG@&- '@%P@I%H@ FIM 3IL@ DA%.I8& % I-3I3@%D FIM ID A%H@ .&DD@L ACD .&-A&% DG@ NA-DM A. $@%&H@ IPI&%MD OILCI R I%L DG@ O-A'@L&DA- FGA FIM NBIH@L &% HGI-P@ FIM DG@ MI3@ 1&A'I%%& &@NABA FGA GIL IB-@ILJ M&P%IB&V@L G&M HAC& IP@ I%L IK&B&D&@M &% DG@ -@HA'@-J A. @MD-I #ACBL DG@J GI'@ HGAM@% I K@DD@- &%MD%&3@CD K G@ D-AANM A. &@NABA AKDI&%@L M@'@-IB IL'I%DIP@M A'@- DGAM@ A. !HH@B&%A R DG@J NC-MC@L DGAM@ IL'I%DIP@M F&DG C%-@B@%D&%P N@-M@'@-I%H@ R DG@ D@--&DA-&@M A. DG@ J-I%D A. OILCI F@-@P&'@% CN DA MIHO I%L N&BBIP@R I%L &% A%@ A. DG@ IHD&A%M &% FG&HG G@ MCKM@SC@%DBJ @%? PIP@L F&DG DG@ $@%@D&I%M DGID HA33A% @%@3J A. .-@@LA3 I%L GC3I%&DJ -@H@&'@L G&M L@IDG FAC%L

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G@‘ %@TD‘ MD@N‘ DIO@%+KJ‘ DG@‘ $@%@D&I%‘ PA'@-%3@%D‘ FIM‘ A.‘ I‘ MD&BB‘ 3A-@‘ L@H&M&'@‘ HGI-IHD@-‘ I%L‘ I..A-L@L‘ I‘ MD&BB‘ HB@I-@-‘ &%L&HID&A%‘ DGID‘ DG@‘ KBAAL‘ A.‘ I‘ H&D&V@%‘ A.‘ DG@‘ -@? NCKB&H‘ FIM‘ %AD‘ DA‘ K@‘ MG@L‘ F&DG‘ &3NC%&DJ‘ %‘ DG@‘ DG‘ A.‘ @ND@3K@-‘ E ‘ DG@‘ <AP@‘ &@NABA‘ DG-ACPG‘ G&M‘ I3KIM? MILA-M‘ D@.I%A‘ ILA@-‘ I%L‘ ;A3@A‘ _C&-&%&‘ @%D@-@L‘ &%DA‘ I‘ HA%HA-LID‘ F&DG‘ DG@‘ OA%D&..‘ 1-@PA-J‘ *7 ‘ KJ‘ FG&HG‘ G@‘ KAC%L‘ G&3M@B.‘ &%‘ DG@‘ %I3@‘ A.‘ DG@‘ HA33C%@‘ I%L‘ DG@‘ N@ANB@= ‘ A‘ 3I%‘ I%L‘ @SC&N‘ .A-‘ DG@‘ N-AQ@HD@L‘ AHHCNI? D&A%‘ I%L‘ HA%SC@MD‘ A.‘ &H&BJ‘ I‘ MSCIL-A%‘ A.‘ .&'@ I%L DF@%DJ‘ PIBB@JM‘ F&DG‘ DG@‘ .CBB‘ HA3NB@3@%D‘ A.‘ M@I3@%‘ I%L‘ 3I-&%@MR ‘ A‘ L@.-IJ‘ GIB.‘ DG@‘ HAMD‘ A.‘ MCHG‘ I-3I3@%D‘ DG@‘ ADG@-‘ GIB.‘ DA‘ K@‘ L@.-IJ@L‘ KJ‘ G&M‘ :AB&%@MM‘ E‘ A‘ @%D@-DI&%‘ %A‘ N-ANAM&D&A%M‘ .A-‘ N@IH@‘ FG&HG‘ 3&PGD‘ N-AH@@L‘ .-A3‘ DG@‘ @3N@-A-‘ F&DGACD‘ DG@‘ O%AFB@LP@‘ I%L‘ HA%HC--@%H@‘ A.‘ DG@‘ HAC-D‘ A.‘ DG@‘ $ID&HI%‘ I%L‘ .AC-DGBJ‘ DA‘ .A-.@&D‘ I‘ MC3‘ A.‘ M&T‘ DGACMI%L‘ 3I-OM‘ A.‘ M&B'@-‘ A-‘ z ‘ MD@-B&%P‘ MGACBL‘ DG@‘ &P%A-J‘ .I&B‘ A-‘ %@PB@HD‘ DA‘ N@-.A-3‘ G@-‘ IP-@@3@%D‘ %‘ DG@‘ NI-D‘ A.‘ DG@‘ NAN@‘ &D‘ FIM‘ MD&NCBID@L‘ DG ID‘ G@‘ MGACBL‘ NBIH@‘ G&M‘ %@F‘ IBBJ‘ &%‘ DG@‘ @%QAJ3@%D‘ A.‘ H@-DI&%‘ %@F‘ I%L‘ &3NA-D? I%D‘ .-I%HG&M@M‘ &%‘ DG@‘ H&D&@M‘ A.‘ C-&‘ I%L‘ IBN&‘ &%‘ NCB&I‘ MA‘ MAA%‘ IM‘ DG@J‘ F@-@‘ -@LCH@L‘ DA‘ MCK3&MM&A%R= DGID‘ G@‘ MGACBL‘ IHHA-L‘ DA‘ DG@‘ -@NCKB&H‘ DG@‘ .-@@‘ -&PGD‘ A.‘ HA33@-H@‘ I%L‘ FIJ‘ DG-ACPGACD‘ &H&BJ‘ C%L@-‘ I‘ M&3&BI-‘ -@MD-&HD&A%R=‘ I%L‘ DGID‘ G@‘ MGACBL‘ IMM&P%‘ DA‘ DG@3‘ &%‘ .&@.‘ FGID@'@-‘ IHSC&? M&D&A%M‘ 3&PGD‘ K@‘ 3IL@‘ KJ‘ $@%@D&I%‘ MCKQ@HDM‘ &%‘ DG ID‘ &MBI%L‘ A-‘ @BM@FG@-@‘ G@‘ GAN@M‘ I%L‘ B@IBM‘ GAF@'@-‘ FG&HG‘ DG@‘ L

± 2 ‘ 1 ‘ 7 ‘ * ‘ D:‡ ‘ 9 ‘ 7 , ‘ * ‘ >:‡ ! ‘ ‘ ‘ &! ' ‘ ‘ ! ‘ ! ‘ ‘ ‘ ! ‘ %* ‘ ' ! ‘ & ‘ / ‘ 4 ‘ ‘ ' ‘ ! ‘ ! ‘ ' ‘ & ‘ * % ‘ 5 ‘ ' ! ‘ ‘ ,

D-@IDJ K@DF@@% DG@ <AP@ I%L 1-@PA-J *7 3&PGD GI'@ -@IMA%IKBJ @T@&D@L -@3I&%@L IB&O@ C%-@IB&V@L DG@ %I'IB HI3NI&P% &% DG@ @L&D@--I%@I% IPI&%MD "-@L@-&H FG&HG &% DGID D-@IDJ GIL M@@3@L DA K@ HA%D@3NBID@L LF&%LB@L &%DA I% @TN@L&D&A% + 'iG&HG L@'IMDID@L &H&BJ I%L NCB&IR I%L DG&M @TN@L&D&A% FIM C%L@-DIO@% B@MM F&DG I '&@F DA DG@ P@%@-IB &%D@-@MDM A. DG@ @IPC@ DGI% DA I'@%P@ DG@ L@IDG A. O&@D-A &@NABA

"-A3 HICM@M A% FG&HG &D &M %AD %@H@MMI-J G@-@ DA LF@BB J@D FG&HG 3CMD K@ .I3&B&I- DA @'@-J A%@ FGA &M ID IBB IHSCI&%D@L F&DG DG@ G&MDA-J A. DGAM@ D&3@M DG@ ;A3I% NA%D&..M M&%H@ DG@ 3@3A-IKB@ LIJM A. B@TI%L@- *** GIL 3IL@ &D DG@&- NAB&HJ DA MCNNA-D DG@ B&K@-IB NI-DJ &% *DIBJ IPI&%MD DG@ #-AF% I%L DG@ :ABJ @@ GIL HA%? M@SC@%DBJ K@@% -@PI-L@L .A- I HA%M&L@-IKB@ N@-&AL IM DG@ G@IL A. DG@ A3KI-L "@L@-ID&A% A-+ FIM &D MD-I%P@ DGID MG@ MGACBL K@ DGCM V@IBACM &% IL'AHID&%P DG@ HICM@ A.B&K@-DJ "A- &D FIM C%SC@MD&A%IKBJ G@- D-C@ &%D@-@MD DGID DGID HICM@ MGACBL .BAC-&MG I%L DGID DG@ NID-&ADM MGACBL K@ IBFIJM BAAO&%P ID B@IMD DAFI-L I MCHH@MM.CB D@-3&%I? D&A% A. DG@ MD-CPPB@ MMC-@LBJ DG@% IBDGACPG DG@ N-A? '&M&A%M A. DG@ D-@IDJ A. @ND@3K@- E F@-@ %AD HI% &@L ACD DA DG@&- .CBB @TD@%D &D FIM I '@-J P-@ID NA&%D DA GI'@ N-AHC-@L DG@ ILG@M&A% A. DG@ .&-MD 3I-&D&3@ MDID@&% !C-AN@ N@-GINM &% DG@ FA-BL DA DG@ @IPC@ I%L DA GI'@N-@'I&B@L A% I N-A'@-K&IBBJ HICD&ACM OAF@- DA L@HBI-@ G@-M@B. AN@%BJ I 3@3K@- A. DG@ 1C@BNG&H .IHD&A% D DG@ MI3@ D&3@ &D MGACBL A. HAC-M@ K@ -@3@3K@-@L GID DG@ N-A'AHID&A% C%L@- FG&HG DG@ $@%@D&I%M IHD@L FIM 3A&U@ DGI% A-L&%I-&BJ

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M@'@-@ @D 1-@PA-J F IM %AD IBDAP@DG@-' MID&M.&@L G@ D-CDG' FIM'DGID DG@ ABL' 3I%' AKM@-'@L' I' L@H&L@L' D@%L@%HJ DA' .ABBAF' I' M&3&BI-' HAC-M@ &%' I%ADG@-' SCI-D@-' IB3AMD @SCIBBJ &%.BC@%D&IB'FG@-@ "-@L@-&H GIL'BA%P'-@%L@-@L'G&3? M@B.'AK%AT&ACM KJ'G&M I-K&D-I-J'N-AH@@L&%PM ' I%L'DG-ACPG' G&M &%MD-C3@%DIB&DJ' I'D-@IDJ' A..@%M&'@ I%L' L@.@%M&'@ FIM IHDCIBBJ' HA%HBCL@L' MGA-DBJ' I.D@-FI-LM ID ;A3@'.A-' I'D@-&B& A.'%&%@ J@I-M'K@DF@@%'DG@ -@NCKB&HM A.'$@%&H@ I%L'1@%AI' G@ HA%L&D&A%M A.'DG@ %@F' HA3NIHD F@-@ A.'I%' I%IBAPACM HGI-IHD@-' DA' DGAM@ A.' DG@ .A-@PA&%P' A%@' DG@ HA%D-IHD&%P' NI-D&@M M&3NBJ @&BPIP@L' DA' I.&K-L' @IHG' ADG@-' 3CDCIB' I&L' I%L' N-AD@HD&A%' KJ' BI%L' I%L' KJ' M@I' 3A-@ @MN@H&IBBJ &%' &H&BJ I%L' NCB&I' I%L'DA' 3IO@ %A' N@IH@ F&DG' DG@'@3N@-A-' F&DGACD' DG@ HA%M@%D I%L' INN-AKID&A%' A.' DG@ :ABJ @@'R I%L' 3@%' FGA' -@3@3K@-@L' F@BB' DG@ KIDDB@' A.' -INI%& I%L' DG@ @..@HD' FG&HG' DG@ '&HDA-J' A.'1&A'I%%& -@'&MI%A' N-ALCH@L' ID' DG@ D&3@' A%' DG@ %ID&A%IB' 3&%L'A.'1@%AI'F@-@ MA3@FGID' MC-N-&M@L'DA' B@I-%'DGID' DG@' KI%%@-'A.'DG@ BAALJ' #-AMM' 3&PGD' %AF' K@ M@@%' .BAID&%P' &%' N@IH@.CB' C%&A%' F&DG' DG@' KI%%@-' A.' I&%D I-O' *D' FIM' &%' D-CDG' I-' 3AMD M&%PCBI-' IBB&I%H@' I%L' A%@' FG&HG' MG@F@L' &%' I' MD-&O&%P' 3I%%@-' GAF' DG@' K&DD@-@MD A.'.A@M F&BB MA3@D&3@M 3@@D A% HA33A%' P-AC%L' I%L' QA&%' DG@&-' I--IM IPI&%MD I'HA33A%' @%@3J' A-'HACBL' DG@' @3N@-A-' G@BN N@-H@&'&%P' %AF'DGID' G@ GIL' PA%@' I' B&DDB@' DAA' .I-

*D' MAA%' K@HI3@' @'&L@%D' GAF@'@-' DGID' DGW IBB&I%H@' A.' $@%&H@' FIM A.'.I-' 3A-@ N-IHD&HIB' CD&B&DJ' DA' DG@' @IPC@' DGI%' DGID' A.'G@-' ABL')'IB' 3A%P' DG@' H&D&@M' FG&HG' %AF' @3K-IH@L' DG@' NAB&D&HIB' D@%@DM' A.'DG@' 1G&K@BB&%@M' "@--I-I'

FIM QCMDBJ HA%M&L@-@L A%@ A. DG@ 3AMD &&CNA-DI%D I%L HA%? MN&HCACM G&M NBIH@ FIM ID A%@ D&3@ G@BL A. DG@ : ABJ @@ KJ VVA $** I-SC&M A. ! MD@R KCD G@ GIL K@@% -@H@%DBJ L&MNAMM@MM@L KJ DG@ IMH@%LI%D .IHD&A% I%L &D FIM ID N-@M@%D AHHCN&@L KJ DG@ &3N@&&IB&MDM C%L@- IB&%PC@--I A-@BB& + FGA IM &D GIM K@@% IBB@P@L @T@-H&M@L F&DG&% DGID QC-&ML&HD&A% I% ICDGA-&DJ HBAM@BJ IO&% DA L@MNAD&M3 AF ! MD@ DGACPG I F@IO 3&%L@L 3I% I%L I% &%L&..@-@%DBJ PAAL NI-D&MI% FIM H@-DI&%BJ I 1C@BNG &.G@ FIM I%JDG&%PR I%L MGA-DBJ I.D@- DG@ IHH@MM&A% A. DG@ -@NCKB&H DA DG@ A3? KI-L #A%.@L@-IHJ I L@M&P% FIM .A-3@L .A- @TN@BB&%P DG@ 1G&K@BB&%@M .-A3 "@--I-I I%L -@&%MDID&%P DG@ .@CLIDA-J A. DG@ : ABJ @@ *%L@N@%L@%DBJ A. I%J NAB&D&HIB HA%M&L@-? ID&A%M FG&HG MG@ 3&PGD @%D@-DI&% &% HA33A% F&DG G@- IBB&@M DG@ &P%A-J GIL ADG@- P-AC%LM GAF@'@- .A- F&MG? &%P DA -@NBIH@ 3IDD@-M ID "@--I& I A% DG@%R ABL .AAD&%P "A- IBDGACPG &D &M %AFG@-@ @TN-@MMBJ MDID@L DGID MCHG FIM DG@ HIM@ DG@-@ &M MD-A%P &GD@-%IB @'&L@%H@ DGID DG@ 'IBC? IKB@N-&'&B@P@M I%L&33C%&D&@M FG&HG DG@ $@%@D&I%D-IL@-M GIL @%QAJ@L &% DGID H&DJ I%L NA-D M&%H@ DG@ DC%@ A. DG@ #AC%D@MM ID&BLI F@-@ &P%A-@L KJ "-@L@-&H MA MAA% IM DG@&- HAC%D-J AN@%BJ QA&%@L DG@ NANCBI-N I-DJR I%L DG@ -@? %@FIB A. DGAM@ N-&'&B@P@M I%L &33C%&D&@M N-AKIKBJ .A-3@L A%@ A. DG@ HA%L&D&A%M A% FG&HG DG@ 1C@BNGM %AF C%L@-? DAAO DA -@MDA-@ DG@ I-SC&M VVA A-@BB& A% G&M NI-D FGA FIM DAA .I3&B&I-F&DG LI%P@- DA .@@B @3KI--IMM3@%D DS- C%@IM&%@MM ID DG@ N-AMN@HD A. DG@ L&..&HCBD NAM&D&A% &% FG&HG G@ 3&PGD MGA-DBJ K@ NBIH@L ' '&@F@L DG@ GAMD&B@N-@? NI-ID&A%M A. $@%&H@ I%L DG@ ADG@- @IPC@-M F&DG I HIB3

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I%L' C%3A'@L' @J@'R DK@' ABL' MABL&@-' FIM' N-@NI-@L' DA' L@.@%L' DG@' D-CMD' FG&HG' "-@L@-&H' GIL' -@NAM@L' &%' G&3 ' DA' DG@' BIMD' @TD-@3&DJ

G@' M&@P@' A.' "@--I-I' FIM' .A-3@L' A%' DG@' %L' A.' "@K-CI-J' +' G@' I-3J' A.' DG@' #AIGD&A%' FIM' HA3? NAM@L' &D' FACBL' M@@3' A.' M&T' L&'&M&A%M' "A-' IBDGACPG' I' HA%D@3NA-I-J' F-&D@-' HA33@%H@M' KJ' MN@IO&%P' A.' M@'@%' &%' G&M' MCKM@SC@%D' @%C3@-ID&A%' G@' 3@%D&A%M' M&T' A%BJ'%I3@BJ' DG@'$@%@D&I%M' I%L' I%DCI%M' C%L@-' DG@'$&MLA3&%A' D@.I%A' ILA@-' DG@' ABAP%@M@' C%L@-' DG@&-' NAL@MDm' ;@%&@-A'>@%A' I%L' DG@' -@3I&%&%P' .AC-' C%L@-' DG@' I-SC&M' A.' !MD@' DG@' &MGAN' A.'"@--I-I'1-@PA-J' A.' A%D@BA%PA'DG@'NINIB'B@PID@' I%L' !HH@B&%AUM' K-ADG@-' BK@-&PA' LI' ;A3I%A' FGA' FIM' ID' N-@M@%D' I' 3@3K@-' A.' DG@' @IPC@' *%L@N@%L@%DBJ' GAF? @'@-' A.' G&M' M@NI&UD@' HA33I%L' ILAW-' FIM' M@B@HD@L' DA' .&BB' DG@' A..&H@' A.' P@%@-IB&MM&3A' N-AKSKBJ' K@HICM@' G@' FIM' K@MD' IHSCI&%D@L' F&DG' DG@' BAHIB&DJ' I%L' F&DG' DG@' L@.@%H@M' A.' DG@' NBIH@' G@' IBB&M' GIL' DIO@%' CN' I' NAM&D&A%' A%' MA3@Q%@ILAF' BI%L' A%' DG@' -&PGD' KI%O' A.' DG@' OA'R DG@&-' @%HI3N3@%D' @T? D@%L@L' .-A3' DG@' N-@H&%HDM' A.' "@--I-I' DA' I' '&BBIP@' A.' FG&HG' @'@%' DG@' -C&%M' I-@' %AF' MI&L' DA' K@' %A' BA%P@-''&M&KB@' KCD' FG&HG' FIM' O%AF%' ID' DG@' N@-&AL' DA' FG&HG' F@' -@.@-' IM' DG@' 'BBIP@' A.' I&%D' CO@

CD' &%L@N@%L@%DBJ' A.' DG@' PIBBI%DBJ' I%L' -@MABCD&A%' FG&HG' IB&%PCH--I' I%L' DG@' PI--&MA%' C%L@-' G&M' HGI-P@' @T? G&K&D@L' &%' DG@' .IH@' A.' DG@' @%@3J' DG@-@' F@-@' ADG@-' IL'@-M@' &%.BC@%H@M' F&DG' FG&HG' DG@' BIDD@-' GIL' DA' HA%D@%L' "A-' &%

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M&3&BI-ʻ AHHIM&A%Mʻ I%Lʻ C%L@-ʻ M&3&BI-ʻ H&-HC3MDI%H@Mʻ DAʻ LAʻ DG@&-ʻ CD3AMDʻ DAʻ CNGABLʻ I%Lʻ @TIBDʻ DG@ʻ L&P%&DJʻ A.ʻ DG@ʻ $@%@? D&I%ʻ %I3@Rʻ I%Lʻ G@ʻ HA%HBCL@Lʻ GJʻ AKM@-'&%Pʻ DGIDʻ &%ʻ DG@ʻʻ GAN@ʻ DGIDʻ .A-DC%@ʻ FACBLʻ K@ʻ 3A-@ʻ N-AN&D&ACMʻ DAʻ G&3ʻ DGI%ʻ MG@ʻ GILʻ K@@%ʻ DAʻ DG@ʻ $&MLA3&%Aʻ ILA@-ʻ &.ʻ FIMʻ G&Mʻ &%D@%? D&A%ʻ IDʻ A%H@ʻ DAʻ IMMC3@ʻ DG@ʻ HA33I%Lʻ A.ʻ DG@ʻ D-AANMʻ K@.A-@ʻ "@--I-Iʻ &%ʻ N@-MA%ʻ *Dʻ FIMʻ %ADʻ B&O@BJʻ DGIDʻ Iʻ N-ANAM&D&A%ʻ A.ʻ MCHGʻ Iʻ HGI-IHD@-ʻ N-AH@@L&%Pʻ .-A3ʻ MCHGʻ Iʻ MAC-H@ʻ FACBLʻ @%HAC%D@-ʻ 3CHGʻ ANNAM&D&A%ʻ DGIDʻ A.ʻ G&Mʻ @-@%&DJʻ FIMʻ &%ʻ .IHDʻ INNBICL@Lʻ I%Lʻ INN-A'@Lʻ KJʻ DG@ʻ P@%@-IBʻ 'A&H@ʻ G&Mʻ MA%ʻ 1&A'I%%&ʻ FIMʻ INNA&%D@Lʻ '&H@ LAP@ʻ LC-&%Pʻ G&Mʻ IKM@%H@Rʻ I%Lʻ Iʻ MSCIL-A%ʻ A.ʻ M&TD@@%ʻ MI&Bʻ GI'&%Pʻ K@@%ʻ 3I%%@Lʻ I%Lʻ @SC&NN@Lʻ F&DGʻ IBBʻ NAMM&KB@ʻ @TN@L&D&A%ʻ &@NABAʻ I--&'@Lʻ A%ʻ DG@ʻ DG&-Lʻ LIJʻ I.D@-ʻ G&Mʻ L@NI-DC-@ʻ .-A3ʻ $@%&H@ʻ IDʻ DG@ʻ NA-Dʻ A.ʻ "@--I-Iʻ FG@-@ʻ G@ʻ IDʻ A%H@ʻ MCN@-M@L@Lʻ ILA@-ʻ &%ʻ DG@ʻ HA33I%Lʻ A.ʻ DG@ʻ .A-H@Mʻ G@ʻ N-@M@%H@ʻ A.ʻ DG@ʻ LAP@ʻ PI'@ʻ -@%@F@Lʻ HA%.&L@%H@ʻ DAʻ DG@ʻ IBB&@MRʻ I%Lʻ DG@ʻ LACKB@ʻ .&-@ʻ FG&HGʻ FIMʻ %AFʻ AN@%@Lʻ .-A3ʻ DG@ʻ M&@P@ʻ KIDD@-&@@ʻ FIMʻ DAʻ DG@ʻ BIMDʻ L@P-@@ʻ PIBB&%Pʻ I%Lʻ 3C-L@-ACMʻ @M&L@Mʻ &Dʻ FIMʻ DG@ʻ M@'@%DGʻ 3A%DGʻ A.ʻ AN@-ID&A%Mʻ D&BBʻ IB&%PC@--Iʻ HA%? D&%C@Lʻ DAʻ 3I&%DI&%ʻ G&Mʻ P-AC%LRʻ I%Lʻ MD&BBʻ DG@ʻ "@--I-@M@ʻ HA%D&%C@Lʻ DAʻ L@.@%Lʻ DG@&-ʻ -I3NI-DMʻ F&DGʻ Iʻ HAC-IP@ʻ I%Lʻ &%D-@N&L&DJʻ FA-DGJʻ A.ʻ MCHGʻ Iʻ B@IL@-ʻ Mʻ N-A'&M&A%Mʻ P-@Fʻ MHI&H@ʻ GAF@'@-ʻ F&DG&%ʻ DG@ʻ H&DJʻ I%Lʻ IMʻ DG@ʻ -I'IP@Mʻ I%Lʻ L@N-@LID&A%Mʻ A.ʻ DG@ʻ IBB&@Mʻ P-ILCIBBJʻ DAAOʻ Iʻ F&L@-ʻ I%Lʻ 3A-@ʻ L@MD-CHD&'@ʻ -I%P@ʻ DGAM@ʻ IKACDʻ DG@ʻ ABLʻ P@%@-IBʻ K@HI3@ʻ 3A-@ʻ I%Lʻ 3A-@ʻ C-P@%Dʻ &%ʻ -@HA33@%L&%Pʻ G&3ʻ DAʻ N-ANAM@ʻ DAʻ DG@ʻ @%@3Jʻ MA3@ʻ D@-3Mʻ A.ʻ IHHA33ALID&A%ʻ FG&HGʻ DG@Jʻ DGACPGDʻ DGIDʻ DG@ʻ BIDD@-ʻ FACBLʻ K@ʻ DAAʻ GINNJʻ DAʻ @%D@-DI&%ʻ %@ʻ PAʻ ;I3K@-D&ʻ &Dʻ FIMʻ -@3I-O@Lʻ DG@ʻ N-AN-&@DA-ʻ A.

BI-P@ @MDID@M 3 DG@ '&H&%&DJ I%L DG@-@.A-@ %AD C%%ID&C IBBJ I% IL'AHID@ .A- N@IH@ FIM N@HCB&I-BJ N-@MM&%P &%G&M MA: H&DID&A%MR I%L G&M &3NA-DC%IHJ PI'@ -&M@ &% MA3@ SCI-? D@-M DA I MCMN&H&A% DGID G@ FIM @%PIP@L ID DG@ D&3@ &% I M@H-@D HA--@MNA%L@%H@ F&DG DG@ @%@3J CD %ADF&DG? MDI%L&%P DG@ PA'@-%A- -@3I&%@L C%MGIO@% &% G&M -@MABC? D&A%R I%L&D FIM A%BJ I.D@- P-I'@G@M&DID&A% I%L DG@% F&DG MD-A%P -@BCHDI%H@ DGID G@ HA%M@%D@L DA DG@ N-ANAMIB .A- I HIN&DCBID&A% CHG I% &%MD-C3@%D FIM IHHA-L&%PBJ L-IF% CN I%L M&P%@L &% DG@ HAC-M@ A. CPCMDR I%L DG@ ABL MAB? L&@- -@NI&-&%P DA DG@ LCHIB KI-P@ NBIH@L &D I%L G&M AF% N@-MA% &% DG@ GI%LM A. &@NABA G@ HA%.&L@%H@ FG&HG G@ DGCM INN@I-@L DA -@NAM@ &% $@%@D&I% GA%AC- FIM %AD 3&M? NBIH@L R IB&%PC@--I FIM D-@ID@L F&DG @'@-J 3I-O A. -@? MN@HD I%L HA%M&L@-ID&A% LC@ DA G&M -I%O I%L 3&M.A-DC%@MR I%L I.D@- I K-&@. MDIJ ID "@--I-I FG@-@ DB&@ <AP@ -@&%? MDID@L DG@ I&LSC&M A. !MD@ I%L @MDIKB&MG@L DG@ HA3? 3@-H&IB)I.&I&-M A. DG@ -@NCKB&H A% DG@G .A-3@- KIM&M G&M @-@%&DJ HA%LCHD@L G&M &BBCMD-&ACM HIND&'@ DA $@%&H@ G@-@ DG@ ABL 1G&K@BB&%@ HG&@. @TN@-&@%H@L DG@ MI3@ O&%L%@MM I%L HAC-D@MJR G@ FIP GA%AC-IKBJ BALP@L DGACPG %AD &3N-A? KIKBJ C%L@- MA-&&@ -@MD-&HD&A%M &% I GACM@ K@BA%P&%P DA DG@ AM&A .I3&BJ ID I% KA-II R I%L ID G&M L@IDG &% I NBIH@ FIM IMM&P%@L DA G&M IMG@M &% DG@ 'ICBDM A. I% &HABA L@B &LA FG@-@ DG@ &%MH-&ND&A% A% G&M 3A%C3@%D MD&BB MG@FM DGID IB&%PC@--I A. "@--I-I @TN&-@L A% DG@ DG A. 5CBJ A. DGID J@I- +

G@ -@HA'@-J A. MA &3NA-DI%D I NBIH@ IM DG@ H&DJ A.

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"@--I-I' FIM A.' HAC-M@' '&@F@L' KJ' DG@' -@NCKB&H' I%L' DG@' 1C@BNG&H' .IHD&A%' P@%@-IBBJ' F&DG' I' .@@B&%P' A.' DG@ 'G&PG@MD' MID&M.IHD&A%R &D' FIM' %IDC-IB ' DG ID' &@NABA' G&3M@B.' MGACBL' M@@O' &%' DG ID' @ ' @%D' MA3@' HA%MABID&A%' .A-' DG@' FAC%L@L' N-&L@' I%L' MA3@' HC-@' .A-' DG@' BIH@-ID@L' I&.@HD&AGM' A.' I' NI-@%DR I%L' DG@' 3@-HI%D&B@' HA3 3C%&DJ' ID' $@%&H@' F@-@ ' A%' DG@&-' NI-D ' A ' @-QAJ@L' ID' I' DC-%' A.' I..I&-M ' FG&HG' GIL' DG@' @..@HD' A.' -@MDA-&%P' DA' DG@ 3' DG@&-' BAHIB' N-&' &B@P@M' I%L' .-I%HG&M@M ' A-' FIM' &D' B@MM' DA' K@' @TN@HD@L ' DG ID' DG@' -@MCBD' A.' DG@' M&@P@' FACBL' I..A-L' I%' I3NB@' MAC-H@' A.' ' @TID&A%' I%L' L&MINNA&%D? 3@%D' DA' DG@' GICPGDJ' I%L' M@%M&D&' @' "-@L@-&H ' FGA' GIL' %AF' ID' B@IMD' .CBB' B@&MC-@' DA' -@.B@HD' GAF' L@I-BJ' G@' GIL' K@@%' 3IL@' DA' NIJ' .A-' DG@' KBAAL' A.' O&@D-A' &@NABA ' G@' @3N@-A-' GAF@' @-' FIM' 3A-@' NI&B&HCBI-BJ' I%%AJ@L' I%L' A..@%L@L' KJ' DG@' MGI-@ ' FG&HG' DG@' -@NCKB&H' GIL' GIL' &%' DG@' BID@' C%L@-? DIO&%P ' NI-DBJ ' K@HICM@' G@' .@BD' DGID' MG@' FIM' I' OAF@-' DA' FGAM@' P-ID&DCL@' G@' GIL' @I-%@L' DG@' MD-A%P@MD' HBI&3M' KJ' 'HA3 3@-H&IB' .I'AC-M' I%L' &%LCBP@%H@M ' NI-DBJ ' K@HICM@' G@')IF' DGID ' &%' DG@' N-@M@%D' @3KI--IMM3@%D' A.' G&M' NAM&D&A% ' &D' FIM' &3NAMM&KB@' .A-' G&3' DA' P&' @' .CBB' I%L' L&-@HD' P-ID&.&HID&A%' DA' G&M' -@M@%D3@%D ' D' DG@' MI3@' D&3@ ' &D ' FIM' MHI-H@BJ' HA%? M&MD@%D' F&DG' G&M' D@3N@-' I%L' HGI-IHD@-' DA' MCK3&D' DI3@BJ' DA' FGID' G@' HA%H@&' @L' DA' K@' I%' &%MCBD' DA' G&M' N@-MA%' I%L' DG-A%@R I%L' G@' L@D@-3&%@L' DA' 3IO@' -@N-&MIB' A%' DG@' &P ' %A-J' KJ' MD-&O&%P' G@-' &%' I' NA&%D ' FG@-@' G@' O%@F' G@-' DA' K@' 3A-@' ' CB%@-IKB@' DGI%' I%J' ADG@-' G@' 3@L&DID@L' KBAF' FIM' MD-CHO' &%' <IB3ID&I ' FG@-@' DG@' $@%@D&I%' -CB@' GIL' %@' @-' K@@%' @MDIKB&MG@L' A%' I' MAB&L' KIM&M ' I%L' FG@-@' &DM' MDIK&B&DJ' FIM' HA%MDI%DBJ' @%LI%P@-@L' KJ' DG@' &%D-&PC@M' A.' DG@' HAC-D' A.' : C%PI-J ' *%M&L&ACM' A ' @-DC-@M' F@-@' %AF' 3IL@' IHHA-L

&MBI%LM' &%' .I'AC-' A.' DG@' <AP@' I%L' DG@' &P%A-J' I%L' MGA-DBJ' I.D@-FI-LM' DG@' $@%@D&I%' PA'@-%3@%D' -@MAB'@L' DA' SC@BB' MD&QB' .I-DG@-' DG@' -@K@BB&ACM' MN&-&D' FG&HG' GIL' @'&%H@L' &DM@B.'&%' DGID' N-A'&%H@' KJ' M@DD&%P' I'.@F'@TI3NB@M' A.'M@'@-&DJ' *%' HA%.A-3&DJ' F&DG' DG&M' L@D@-3&%ID&A%' DG@' >I-@D&%@M' F@-@' .A-H@L' DA' @THGI%P@' DG@&-' ABL' HA%MD&DCD&A%' .A-' I' %@F' A%@' KIM@L' A%' DG@' MI3@' N-&%H&NB@M' &%L@@L' I%L' @3KALJ&%P' DG@' MI3@' N-A'&M&A%M' KC' L&..@-&%P .-A3' &DM' N-@L@H@MMA-' &%' DG@' &%D-ALCHD&A%' A.' MA3@' ILL&D&A%IB' I-D&HB@M' A.' C%HA33A%' MD-&%P@%HJ' *%' DG@' .&-MD' NBIH@' &D' FIM' -@SC&-@L' DGID' &%' .CDC-@' DG@' 3&B&D-J' IM' F@BB' IM' DG@' H&'&B'PA'@-%A-' A.'>I-I' MGACBL' K@' I'$@%@D&I%' E' "&'@' A.'DGAM@' HG&@.BJ' &3NB&HID@L' &%' DG@' BID@' &%MC--@HD&A%I-J' 3A'@3@%D' F@-@' DA' K@' P&'@%' IM' GAMDIP@M' .A-' .&'@' J@I-M' I%L' DA' -@31&%' LC-&%P' MCHG' D@-3' &%' GA%AC-IKB@' HA%.&%@3@%D' ID' $@%&H@' E' 'GC%L-@L' A.' DG@' N-&%H&NIB' H&D&V@%M' F@-@' DA' K@' L@NCD@L' OD' A%H@' DA' IMO' NI-LA%' A.' DG@' LAP@' .A-' DG@' A..@%H@' A.' FG&HG' DG@&-' DAF%' GIL' K@@%' PC&BDJ' A' A.D@%' IM' DG@' LAP@' 3&PGD' K@' NB@IM@L' DA' HA331%L' I' M@B@HD' L@NCDID&A%' A.'%&%@DJ' 3@3K@-M' FIM' DA' K@' M@%D' DA' DG@' HIN&DIB' A.' DG@' -@NCKB&H DA' -@%@F' DG@' AIDG' A.' IBB@P&I%H@+' NA3N@%MID&A%' FIM' DA' K@' IFI-L@L' KJ' DG@' C%&H&NIB' #AC%H&B' A.'>I-I'.A-' DG@' BAMM@M' MCMDI&%@L' KJ' &HG@B@' A-AM&%&' DG@' BID@' HAC%D' I%L' DG@' ADG@-' $@%@D&I%' -@M&L@%DM' LC-&%P' DG@' M@L&D&A%' G@'>I&D@D&%@M' F@-@' N-A? G&K&D@L'.-A3'.A-3&%P' I%J' IBB&I%H@M' 3ID-&3A%&IB' A-' ADG@-? F&M@' F&DG' DG@' HBI'A%&I%'.I3&B&@M' A.' : C%PI-J' A-' <IB3ID&I' F&DGACD' DG@' HA%M@%D' I%L' INN-AKID&A%' A.'DG@' @%ID@' M&%H@' &D' FIM' HA%M&L@-@L' DGID' MCHG' IBB&I%H@M' F@-@' HIBHCBID@L' DA' @T@-? H&M@' I'N@-%&H&ACM' &%.BC@%H@' A'@-' DG@' MCKQ@HDM' A.'DG@' -@NCKB&H

G 1 ' ! ' %# ' 9 '7 ,' ** >D0/0<:

L&P@MD&A% I%L HAL&.&HID&A% A.'DG@ BIFM A.' G&M HAC%D-J I FA-O FG&HG G@ INN@I-M DA GI'@ HA33@%H@L &% DG@ '@-J @I-BJ NI-D A.' G&M -@&P% I%L FG&HG G@ N-AKIKBJ HA3NB@D@L &% DG@ &%D@-'IBM A.' KCM&%@MM I%L L@'AD&A% GIM PI&%@L .A-G&3 I -@NCDID&A% FG&HG GIM IB-@ILJ BA%P ACDB&'@L DG@ -@3@3K-I%H@ A.' G&M '&HDA-&@M

@ LA %AD N-ANAM@ %A-' &%L@@LR GI'@ F@ MNIH@ ID N-@M@%D DA L&BID@ A% DG@ MCKQ@HD A.' DG@ BIFM A.' DG@ -@?NCKB&H CD M&%H@ F@ .@@B DGID &D FACBL K@&3NAMM&KB@ DA .A-3 I'QCMD A-' IL@SCID@ &L@I' A.' DG@ HGI-IHD@-' I%L 3@-&DM A.' &@NABA F&DGACD GI'&%P MA3@ O%AFB@LP@ A.' DG@ @TD@%D DA FG&HG G@ HI--&@L G&M B@PIB -@.A-3M IM F@BQ IM A.' DG@ K@%@.&DM FG&HG G@ HA%.@--@L A% $@%@D&I% QC-&MN-CL@%H@ LC-&%P G&M BA%P I%L CM@.CB HI-@@-' F@ MGIBB HA%HBCL@ DG@ HGINDG@-' F&DG I'P@%@-IB -@'&@F A.' DG&M F&L@ I%L&3NA-DI%D SC@MD&A%

GID DG@ HAP@%D %@H@MM&DJ A.' K-&%P&%P IBB 3IDD@-M HA%?%@HD@L '%@I-BJ A-' -@3AD@BJ' F&DG D-IL@' %I'&PID&A%' I%L NAB&H@' F&DG&% DG@'-I%P@' I%L C%L@-' DG@ HA%D-AB' A.' H@-DI&% .&T@L -@PCBID&A%M' GIL @I-BJ &3N-@MM@L &DM@B.' CNA% DG@ -CB@-M A.' I' 3@-HI%D&B@ HA33C%&DJ B&O@ $@%&H@' DG@-@ HI%?%AD K@ 3CHG LACKD R I%L' FG@% F@ HA%M&L@-'DG@ .-@SC@%D -@.@-@%H@M &% DG@ I%H&@%D HG-A%&HB@M DA BIFM A.' L&..@-@%D O&%LM NIMM@L ID+'I-&ACM N@-&ALM KJ DG@ @P&MBIDC-@' 3A-@ NI-D&HCBI-BJ DA DG@ BIF A.' MG&NF-@HO' DG@ BIF A.' @'&L@%H@' DG@ BIF A.' &%MAB'@%HJ' DG@ BIF -@PI-L&%P DG@ %I'&PID&A% A.' DG@ -@%DI L&P@' I%L O&I'@R DG@ IHD .A-'DG@ IKAB&D&A% A.' DG@ HI--J&%P D-IL@' DG@ M@'@-@ A-L&%I%H@M IPI&%MD DG@ D-I..&H &% #G-&MD&I% MBI'@M' I%L' DG@ MD-&HD -CB@M AKM@-'@L .A-'DG@ N-@M@-'ID&A% A.' DG@ N@IH@' &D M@@3M DA K@HA3@ SC&D@

L&MHA'@-J' DGID' DG@' ' ' 'BID@BJ' NCKB&MG@L'
ID' I&H@BA%I 'L%L' DG@%' &%' P@%@-IB'CM@' I3A%P' !C-AN@I%'
D-IL@-M' FIM' &%MC..&H&@%D' I%L' &%INNB&HIKB@' &%' DGAM@' HIM@M'
FG@-@' $@%@D&I%' 3I-&D&3@' BIF' L&..@-@L' .-A3' DGID' A.' DG@'
ADG@-' 3@-HI%D&B@' HA33C%&D&@M' CHG' FIM' DG@' MDID@' I%L'
N-AP-@MM' DG@%'A.'$@%@D&I%'QC-&MN-CL@%H@'FG@%' DG@' <AP@'
&@NABA' IMH@%L@L' DG@' DG-A%@' &%' DG@' @I-BJ' NI-D' A.' '
G@' FA-O' FG&HG' 'N-AQ@HD@L' I%L' IHHA3NB&MG@L' DGACPG'
&DM' 'IBC@' HI%%AD' F@B' K@' @MD&3ID@L' DAA' G&PGBJ' 3IJ' K@'
@IM&BJ' L@MH-&K@L' &%' I' .@F' FA-LM' @DF@@%' ' I%L'
E 'DGID'@3&%@%D' I%L' P&.D@L' 3I%' HABB@HD@L' I%L' @L&D@L'
DG@' FGAB@' KALJ' A.' DG@' $@%@D&I%' BIF' I%L'&%' DG@' BIDD@-'
J@I-' G@' -@NCKB&MG@L' &D' MA' HABB@HD@L' I%L' @L&D@L' &%' I'
HA3NB@D@' I%L'&%D@BB&P&KB@' .A-3' G@'DIMO' FG&HG' >&I%&UM'
MCHH@MMA-' GIL' DGCM' IMM&P%@L'DA' G&3M@B.' I%L' FG&HG' IM' &D'
&M' P@%@-IBBJ' MCNNAM@L' @%PIP@L' G&M' IDD@%D&A%' LC-&%P' DG@'
P-@ID@-' NI-D' A.'DG-@@' J@I-M' DGACPG'&D' 3IJ' N@-GINM' INN@I-'
DA' 3@ -&.B&%P' I%L'M&3NB@' FIM' C%LACKD@LBJ' A%@' A.' @TD-I?
A-L&%I-J' 3IP%&DCL@' I%L' L&..&HCBDJ' CD' F@' 3IJ' AKM@-'@'
ID' DG@' MI3@' D&3@' DGID' &D' FIM' IM' DG@' HAL&.&@-' A.' @T&MD&%P'
BIFM' %AD' IM' DGN' .-I3@-' A.' %@F' A%@M' DGID' &@NABA' 3A-@'
NI-D&HCBI-BJ' L@M@-'@L' H-@L&D' I%L' N-I&M@' A-' &%' D-@ID&%P'
A.' DG&M' MCKQ@HD' HI%' F@' NIMM' A'@-' &%' M&B@%H@' DG@' %I3@M' A.'
D@.I%A' ILAH-+' !I%DIB@A%@' 1&C D&%&I%&+' A33IMA'
#@%D-I%&PA' ZA-' I-KABI%A[' I%L' 1&A'I%%&' &HG&@B&' FG&HG'
F@-@' GA%AC-IKBJ' IMMAH&ID@L' F&DG' DGID' A.' DG@' LAP@' &%' DG@

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FA-O A.-@.A-3 I%L HA%MAB&LID&A% DG@M@ @3&%@% B@P&MDM F@-@ DG@ NI-D%@-M A.G&M BIKAC-M I%L DG@J 3CM K@ DG@ NI-D%@-M A.G&M .I3@

G@ I%%IBM A.DG@ HBAM&%P J@I-M A. &@NABAUM -@&P% I-@ @TD-@3@BJ KI--@% I%L L@.@HD&'@R I%L A..IHDM FG&HG F@ HI% HA%.&L@%DBJ IL'I%H@ IM D@%L&%P DA DG-AF B&PGD A% DGID N@-&AL '@-J .@F GI'@-@IHG@L B&M *D 3@-@BJ INN@I-M DGID &% DG@ @I-BJ MC33@- A. DG@ DF@%DJ .&-MD J@I- M&%H@ G&M IHH@MM&A% DG@ LAP@ K@PI% DA .@@B DG@ .&-MD dL@H&L@L MJ3NDA3M A. L@HB&%&%P G@IBDGR I%L DGID &3&DID&%P DG@ @TI3NB@ A.G&M &33@L&ID@ N-@L@H@MMA- >&I%& G@ D@%L@-@L G&M -@M&P%ID&A% DA DG@ @P&MBID&'@ ALJ A% DG@ DG IJ I%L ID A%H@ -@D&-@L DA G&M AF% GACM@ ID I% PAMD&%A &% DG@ I-L A. I% OABA FG@-@G@ K-@IDG@L G&M BIMD A% DG@ DG A.5CBJ .ABBAF&%P :&M -@3I&%M F@-@ &%D@--@L &% DG@ HGC-HG A.DG@ "-ID& O-@L&HIDA-& &% DG@ MI3@ I-L

G@ A%BJ ILL&D&A%IB &%.A-3ID&A% FG&HG HI% K@PIDG@-@L .-A3 DG@ I%H&@%D HG-A%&HB@M -@PI-L&%P DG&M @TH@BB@%D N-&%H@ &M DGID G@ B@.D M@'@-IB MA%M A%@ A.FGA3 A-@%VA #AC%D A.$@PB&I FIM I.D@-FI-LM LAP@R I%L DGID G@ GIL IBMA I K-ADG@- %I3@L BK@-&PA I<A3&%&HI% .-&I- DA FGA3 KJ I MAB@3% &%MD-C3@%D K@I-&%P LID@ 5C%@ E G@ HA%? H@L@L I M3IB BI%L@L N-AN@-DJ &% DG@ NI-&MG A. I%DI I-&I "A-3AMI .A- DG@ NC-NAM@ A. KC&BL&%P A% DG@ M&D@ I HGC-HG &% GA%AC- A. I&%D 5AG% I%L I&%D OICB *% DG&M HGC-HG &D FIM DG@ @TN-@MM F&MG A. &@NABA DGID G&M 3A-DIB -@3I&%M MGACBL .&%L DG@&- BIMD -@NAM@R I%L DG@J F@-@ HA%? M@SC@%DBJ D-I%M.@--@L DG&DG@- MA MAA% IM DG@ %@F FA-O FIM MC..&H&@%DBJ IL'I%H@L .@F J@I-M NIMM@L IFIJ I%L DG@ H-JNDM A. I&%D 5AG% I%L I&%D OICB F@-@ AN@%@L DA

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-@H@&'@ʻ DG@ʻ IMG@Mʻ A.ʻ I%ADG@-ʻ &@NABAʻ A.ʻ DGIDʻ A-@%VAʻ FGA3ʻ F@ʻ GI'@ʻ IB-@ILJʻ 3@%D&A%@Lʻ IMʻ A%@ʻ A.ʻ DG@ʻ MC-?'&'&%Pʻ HG&BL-@%ʻ A.ʻ DG@ʻ <AP@ʻ 5IHANAʻ R I%Lʻ MGA-DBJʻ I.D@-ʻ G&Mʻ M@NCBDC-@ʻ I%ʻ &%MH-&ND&A%ʻ FIMʻ NBIH@Lʻ A%ʻ DG@ʻ .I3&BJʻ 3A%C?3@%Dʻ &%ʻ FG&HGʻ FIMʻ K-&@.BJʻ D-IH@Lʻ DG@ʻ MDA-Jʻ A.ʻ DG@&-ʻ B&'@Mʻ -&@.BJʻ @%ACPGʻ F@ʻ 3IJʻ AKM@-'@ʻ DG@-@ʻ A-ʻ @BM@FG@-@ʻ @'@%FG@-@ʻ N@ANB@ʻ 3&PGDʻ MIJʻ DAʻ @IHGʻ ADG@-ʻ dʻ*Dʻ M@@3Mʻ KCDʻ IMʻ J@MD@-LIJʻ DGIDʻ G@ʻ FGAʻ B&@Mʻ K@%@IDGʻ DG&Mʻ HABLʻ 3I-KB@ʻ FIMʻ 3A'&%Pʻ UI%Lʻ IHD&%Pʻ I3A%Pʻ CMʻ A%@ʻ A.ʻ AC-M@B'@M kʻ %Lʻ %AFʻ FG@%ʻ F@ʻ IDD@3NDʻ DG-ACPGʻ I%ʻ G&MDA-&HIBʻ 3@L&C3ʻ DAʻ HA%%@HDʻ DG@ʻ NIMDʻ F&DGʻ DG@ʻ N-@M@%Dʻ GAFʻ .@Fʻ I%Lʻ GAFʻ .@@KB@ʻ I-@ʻ DG@ʻ B&PGDMʻ FG&HGʻ-@3I&%ʻ DAʻ PC&L@ʻ CMʻ DG-ACPGʻ DG@ʻ BA%Pʻ I%Lʻ L&3ʻ N@-MN@HD&'@]

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K K # B&' I.D@-' DG@' N@-.A-3I%H@' A.' DG@' AKM@SC&@M' A.'
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#A33&MM&A%M' A.' DG@' .&'@' #A--@DDA-&' I%L' DG@' DG-@@' *%SC&M&'
DA-&' 3@D' .A-' DG@' M@HA%L' A-' N@-GINM' F@' MGACBL' -IDG@-' MIJ'
.A-' DG@' .&-MD' D&3@' M&%H@' DG@&-' &%MD&DCD&A%' &%' ' .A-' DG@'
NC-NAM@' A.' @TI3&%&%P' DG@' IHDM' A.' DG@' BID@' IL3&%&MD-ID&A%

I%L A. SCIB&.J&%P DG@3M@B'@M .A- DG@ DIMO A. MCPP@MD&%P I%J -@'&M&A%M &% DG@O-A3&MM&A%@ FG&HG DG@J 3&PGD QCLP@ DA K@ %@H@MMI-J A- @TN@L&@%D G@ BIKAC-M A. DG@M@ M&%? PCBI- AI-LM A.*%SC&-J FG&HG INN@I- DA GI'@ @TD@%L@L A'@- I.A-D%&PGD F@-@ 3CHG BA%P@- &% DG@&- LC-ID&A% I%L &%.&%&D@BJ 3A-@ &3NA-DI%D &% DG@&- -@MCBD DGI% &% DG@ N-@? H@L&%P &%MDI%H@ FG@% DG@&- N-AH@@L&%PM MA .I- IM F@ HI% IMH@-DI&% GIL K@@% A. I NC-@BJ .A-3IB HGI-IHD@- R I%L DG@ -@NA-D FG&HG DG@J MCKM@SC@%DBJ -@%L@-@L DA DG@ @%ID@ A- DA DG@ O-&'J #AC%H&B I..A-L@L I DAB@-IKBJ HB@I- &%L&? HID&A% A. DG@ P-AFDG A. I -@'&'&%P D@%L@%HJ &% DG@ @? P&MBIDC-@ DA H&-HC3MH-&K@ DG@ N-@-APID&'@ A. DG@ #-AF% @ GI'@ IB-@ILJ GIL .-@SC@%D AHHIM&A% DA AKM@-'@ GAF N-A3ND DG@ LAP@M F@-@ &% P@%@-IB DA M@&V@ I%J ANNA-? DC%&DJ FG&HG 3&PGD .-A3D&3@DA D&3@ I-&M@ A. N-A3AD&%P DG@ &%D@-@MDM A. DG@&- AF% .I3&B&@M DA DG@ @THBCM&A% I%L N-@QCL&H@ A. ADG@-M G&M FIM A% DG@&- NI-D I% @TH@@L? &%PBJ %ID&&-IB I%L '@-J &%D@BB&P&KB@ NAB&HJR &D FIM A%@ IBMA FG&HG 3&PGD K@ -@PI-L@L IM &%H&L@%DIB &% I P-@ID@- A- B@MM L@P-@@ DA @'@-J .A-3 A. PA'@-%3@%D I%L %AD 3A-@ NI-D&HCBI-BJ DA DGID &% FG&HG DG@ FGAB@ NAF@- A. DG@ DID@ &M '@MD@L &% DG@ GI%LM A. I M&%PB@ N@-MA% DGI% DA I%J ADG@- A- &%L@@L HACBL &D K@ .I&-BJ IBB@P@L IPI&%MD &@NABA DGID &% M@@O&%P DA IPP-I%L&M@ DG@ GACM@ DA FG&HG G@ K@BA%P@L KJ NBIH&%P G&M MA%M &% L&..@-@%D M&DCID&A%M A. G&PG GA%AC- I%L D-CMD A- &% N-AHC-&%P MCHG M&DCID&A%M A% DG@&- K@GIB.KJ DG@ @T@-H&M@ A. G&M &%.BC@%H@ G@ GIL K@@% &%L&'&LCIBBJ PC&BDJ A. I%J %A'@B A- I-K&D-I-J MD-@DHG A. G&M ICDGA-&DJ R M&%H@ SC&D@ &%L@N@%L@%DBJ A. DG@ .IHD DGID &D FIM I N@-.@HDBJ AK'&ACM I%L F&DG&% H@-DI&% B&3&DM I NW-? &- E/

.HHDBJ' B@P&D&3ID@'HAC-M@'FG&HG'DG@' LAP@' DGCM' ILAND@L'&D' FIM' DA' K@'-@3@3K@-@L'DGID' DG@' 3IQA-'NI-D' A.'G&M' N-@L@? H@MMA-M' GIL' IHD@L'N-@H&M@BJ'&%' DG@' MI3@' 3I%%@-'I%L' DGID' G@' FIM' M&3NBJ' D-@IL&%P' &%' DG@&-' .AADMD@NM' "A-'&%' DG@' LIJM' A.'DG@' ILA@-& I%L'DG@' I%CL&'DG@' LIJM' A.'$@%@D&I%' ICDAH-IHJ'&D' FIM' %A' C%HA33A%' DG&%P' DA' M@@' DG@' G&PG@MD' A.B H@M&%' DG@' HA33A%F@IBDG'DG@'LCHIB'H-AF%'DG@'N-&3IHJ' DG@' K&MGAN-&HM' A.' A-H@BBA' I%L' B&'ABA'&%' DG@' GI%LM' A.'I' M&%PB@' .I3&BJ' @'@-DG@B@MM'&%' I' DID@' MA' I-&MDAH-ID&HIBBJ' &%HB&%@L'IM' $@%&H@'FG@-@' DG@' HG&@.'3IP&MD-ID@' FIM' &%'I-&? IKBJ' M@B@HD@L'.-A3'I'NI-D&HCBI-'M@HD&A%' A.'DG@' HA&%3C%&DJ' I%L' FG@-@' DG@' 3@3K@-M' L.'DG@' N-&'&B@P@L'HBIMM'DA' FG&HG' G@' K@BA%P@L'F@-@' @TH@@L&%PBJ' IND' DA' .A-P@D'DGID' DG@' AK? Q@HD' A.'DG@' 'HGA&H@' H@IM@L'A%' IMH@%L&%P' DG@' DG-A%@' DA' K@' A%@' A.'DG@3M@B'@M'DA' .A-P@D'&%' MGA-D'DGID' DG@' H&D&V@%' FIM' 3@-P@L' &%' DG@' N-&%H@'&D' FIM' IBFIJM' DA' K@' @TN@HD@L' DGID' I%' IDD@3ND'A%' DG@' NI-D' A.'DG@' LCHIB' .I3&BJ'DA' @MDI? KB&MG' I' NAB&D&HIB' N-@NA%L@-I%H@' KJ' M@B. IPP-I%L&M@3@%D' FACBL'K@'&@F@L'F&DG'Q@IBACMJ' I%L' L&MB&O@' G@' NBADM' I%L' HA%MN&-IH&@M'KJ' FG&HG' DG@' $@%@D&I%' I%%IBM' A.'DG@' %&%DG' I%L'D@%DG'H@%DC-&@M' I-@' MA' MD-A%PBJ' 3I-O@L'DG@ '&AB@%D'@T? NCBM&A%' A.'1&A'I%%& ILA@-'* 'DG@' IMMIMM&%ID&A%' A.'O&@D-A' -IL@%&PA' I%L' @'@%' DG@' D@--&KB@' .ID@' A.' IcCLA' *$ ' IKC%LI%DBJ' N-A'@' DGID' MCHG' FIM' DG@' HIM@'R I%L'&D'&M' IBMA' IDD@MD@L'&%' DG@' HB@I-@MD' 3I%%@-'KJ' DG@' -@'ABCD&A%M' A.' EE' I%L' / ' %L' DG&M' .@@B&%P' FG&HG'M&%H@' DG@' D&3@' A.'"BIK@%&PA' ID' B@IMD'GIL' K@@%' HA%MDI%DBJ'DGACPG' N@-? GINM' IB3AMD'&3N@-H@ND&KBJ'PI&%&%P' P-AC%L' I%L' MD-@%PDG' FIM' ID' N-@M@%D' P@%@-IBBJ' N-@'IB@%D' I3A%P' DG@' CNN@-' HBIMM@M'MA' 3CHG' +A'&%L@@L'DGID' &D' FIM' L@D@-3&%@L'ID' DG@

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-@HA3 3@%LID&A%’ A.’DG@’ #A--@HDA&M’ DA’ &%D-ALCH@’ &%DA’ DG@’ 0-A3&MM&A%@’ I’%@F’HBICM@’KJ’ ’’G&HGUDG@’MCHH@MMA-’A.’5IHANA’ &@NABA’ FGA@’@-’ G@’ 3&PGD’ K@’ FACBL’ MAB@3%BJ’ @%PIP@’ &%’ DG@’ .&-MD’ NBIH@’ %@&DG@-’ DA’ MAB&H&D’ %A-’ IHH@ND’ A%’ K@GIB.’ D’ A.’ G&M’ HG&BL-@%’ A-’ -@BID&A%M’ I%J’ INNA&%D3@%D’ A-’ L&P%&DJ’ F&DG&%’ A-’ F&DGACD’DG@’ <APILA’’ I%L’ M@HA%LBJ’DA’ PA’@-%’ .A-’DG@’ .CDC-@’&%’ MD-&HD’ IHHA-LI%H@’ I%L’ HA%.A-3&DJ’ F&DG’ DG@’ BIFM’ I%L’DG@’ HA%MD&DCD&A%’ ;@MN@HD&%P’DG@’ .A-3@-’ NI-D’ A.’DG@’ .A-@PA&%P’HBICM@’F@’GI’@’ %ADG&%P’ 3A-@’DA’ MIJR’ DG@’M@HA%L’ 3&PGD’MG@F’DGID’&D’GIL’K@@%’ K-ACPGD’IM’ I’HGI-P@’ IPI&%MD’ &@NABA’A-’G&M’ &33@L&ID@’N-@L@H@MMA-’ KJ’DG@’ *%SC&M&DA-M’DGID’&%’ MA3@’ &%MDI%H@M’G@’GIL’@T? H@@L@L’DG@’N-AN@-’I%L’B@P&D&3ID@’KAC%LM’A.’G&M’^&CDGA-&DJ G@’ IDG’GI’&%P’NIMM@L’DG@’ AI-L’A.’#A--@HD&A%’F&DG’ DG&M’&3NA-DI%D’ILL&D&A%’MD@NM’F@-@’ ID’A%H@’DIO@%’DA’MCN? NBJ’DG@’ ’IHI%HJ’AHHIM&A%@L’KJ’DG@’IKL&HID&A%’A.’ &@NABA’ *D’ 3IJ’K@’-@HABB@HD@L’DGID’ ID’DG@’BIMD’@B@HD&A%’&%’HA%M@? SC@%H@’A.’DG@’MC..-IP@M’K@&%P’@SCIBBJ’KIBI%H@L’K@DF@@%’ &@NABA’G&3M@B.’I%L’I%ADG@-’HI%L&LID@’.A-’DG@’K@--@DDI’ I-&%A’<I%LABA’A.’ I%’ GA3I’&D’GIL’K@@%’.AC%L’%@H@M? MI-J’DA’MAB’@’DG@’L&..&HCBDJ’KJ’HIMD&%P’BADMR’&D’FIM’%AF’ L@D@-3&%@L’DA’AK’&ID@’I’-@HC--@%H@’DA’DG&M’&3NAB&D&H’I%L’ C%M@@3BJ’@TN@L&@%D’I%L’DA’AKDI&%’DG@’H@-DI&%DJ’A.’I’HIMD? &%P’’AD@’KJ’ L&M&%P’DG@’%C3K@-’A.’@B@HDA-M’.-A3’.A-DJ’DA’ .A-DJ A%@’ G@’BIDD@-’%C3K@-’F@-@’IHHA-L&%PBJ’ID’A%H@’ DIO@%’.-A3’DG@’FGAB@’KALJ’A.’DG@’1-@ID’#AC%H&B’I%L’ HA%MD&DCD@L’&%DA’I’#ABB@P@R I%L’A%’DG@’ EDG’5C%@’ ’ DG-@@ I%L DF@%DJ’LIJM’I.D@-’DG@’IKL&HID&A%’A.’G&M’BID@’ @-@%&DJ’DG@’OA-DJ %@’3IL@’O%AF%’DA’DG@’N@ANB@’DGID’ I.D@-’LC@’L@B&K@-ID&A%’DG@&-’HGA&H@’GIL’.IBB@%’A%’ I-&%A

A-AM&%&' A-AM&%&' FGAS' &.' F@' 3IJ' H-@L&D' DG@' G&MDA-&I%'
IcCLA +' GIL' IB-@ILJ' -@IHG@L' G&M' DG' J@I-' FIM' I'N@-MA%'
A.' '@%@-IKB@' L@NA-D3@%D' I3&IKB@' L&MNAM&D&A%' I%L' &--@?
N-AIHGIKB@' HGI-IHD@-'R I%L' G@' HI--&@L' F&DG' G&3' DA' DG@'
DG-A%@' I' BA%P' @TN@-&@%H@' A.' NCKB&H' I..I&-M' I%L' QI' F@BB'
L@M@-'@L' NANCBI-&DJ' *D' FIM' HG&@.BJ' IM' IdL&NBA3ID&MD' DGID'
DG@' MCHH@MMA-' A.' &@NABA' GIL' L&MD&%PC&MG@L' G&3M@B.'&%' DG@'
NAB&D&HIB' I-@%I'R DG@' BIMD' 3@%D&A%' 3IL@' A.' G&3' IM' IHD&%P'
&%' DGID' HINIH&DJ' AHHC-M' &%' '&%' FG&HG' J@I-' F@' I-@' DABL'
KJ' DG@' HG-A%&HB@-' <I%LABA +' DGID' G@' FIM' M@%D'&%' HA%QC%H?
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N-@M@%D' DG@' -@NCKB&H' ID' DG@' H@B@K-ID@L' #AC%H&B' A.' JA%M'
CD' &D' &M' HB@I-'DGID' G@' L&L' %AD' HA%.&%@' G&3M@B.' DA' A%@' NI-?
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&MBI%L' FIM' MD&BB' .&@-H@BJ' MD-CPPB&%P' .A-' &%L@N@%L@%H@' A-'
HI%' DG@-@' K@' I%J' -@IMA%IKB@' LACKD' DGID' ID' DG@' N@-&AL' DA'
FG&HG' F@' I-@' -@.@--&%P' DG@' GACM@' DA' FG&HG' DG@' N-@M@%D'
LAP@' K@BA%P@L' FIM' A%@' A.' DG@' G&PG@MD' MDI%L&%P' I%L' HA%?
M&L@-ID&A%' &%' DG@' -@NCKaH' G@-@' FIM' I' I-HA' A-AM&%&'
FGA' FIM' I3KIMMILA-' DA' 1@%AI' F&DG' D@.I%A' 1&CMD&%&I%&'
IKACD' E' PI&%' DG@-@' FIM' I' &HG@B@' A-AM&%&' FGA'
FIM' OAL@MDm' A.' "I@%VI' I%L' I.D@-FI-LM' K@HI3@' #AC%D' A.'
>I-I' %L' DG@-@' FIM' IBMA' I%' BK@-DA' A-AM&%&' FGA' BA%P

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DG@' SCIB&DJ' A.' I&BA' D' DG@' MI3@' D&3@' FG@DG@-' DG@M@'
N@-MA%M' F@-@' %@I-' A-' @'@%' L&MDI%D' O&%M3@%' A.' DG@' <AP@'
I-&%A' A-' FG@DG@-' DG@J' M&3NBJ' K@BA%P@L' DA' L&.&.@-@%D'
K-I%HGWM' A.' DG@' .I3&BJ' F@' 3CMD' .-A3' DG@' MHI%D&%@MM' A.'
AC-' &%.A-3ID&A%+' N-A.@MM' AC-M@B'@M' C%IKB@' DA' L@H&L@
G@'-@&P%'A.' A-AM&%&' FG&HG' 3@-@BJ'@3K-IH@L'DG@'MGA-D'
D@-3' A.' DFA' J@I-M' I%L' I' GIB.' Z5C%@' EDG' ' DA' MD'
5I%CI-J' [' FIM'N-A.AC%LBJ'D-I%SC&B'Q I'D-I%SC&BB&DJ' .A-'
FG&HG' IHHA-L&%P' DA' MA3@' G&MDA-&I%M' DG@' $@%@D&I%M' F@-@'
N-&%H&NIBBJ'&%L@KD@L' DA' DG@' KABL' I%L' @%@-P@D&H' -CB@' A.' DG@' '
&BBCMD-&ACM' &@NABA' *D' FIM' ID' B@IMD' KCD' I' K-&@.' I%L'
L@H@ND&'@' HIB3' G@' N@-&AL' LC-&%P' FG&HG' DG@' -@NCKB&H'
A.' $@%&H@' FIM' C%L@-' DG@' PA'@-%3@%D' A.' DG&M' LAP@' FIM'
NI-IBB@B' GAF@'@-' DA' DGID' L&MIMD-ACM' @NAHG' &%' DG@' G&MDA-J'
A.' DG@' "&U@%HG' %ID&A%S+FG&HG' HA3N-@G@%LM' DG@' N&BP-&3IP@'
A.' AC&M' *7' DA' OIB@MD&%@' G&M' HIND&'&DJ' I%L' -@DC-%' *%'
DGID' C%.A-DC%ID@' @TN@L&D&A%' FG&HG'&M' 3AMD' P@%@-IBBJ' O%AF%'
IM' DG@' &%DG' #-CMIL@' DG@' &P%A-J' HI-@.CBBJ' IKMDI&%@L'
.-A3' DIO&%P' I%J' IHD&'@' NI-D' CD' F@' B@I-%' .-A3' IDDG@F'
OI-&M' DGID' &%' 'DG@' O&%P'K@&%P' DG@%' ID' #JN-CM' A%'G&M'
FIJ' DA' DG@' :ABJ' I%L' L@MNIDHG@L' DG@' ZQAC%D' A.' I-' I%L'
DG@' &-@' L@' @ICQ@C' ZDFA' '@-J' PIBBI%D' P@%DB@3@%' F@' I-@'
IMMC-@L[' DA' $@%&H@' DA' %@PAD&ID@' F&DG' A-AM&%&' .A-' I' MCNNBJ'
A.' F&%@' HA-%' .A-IP@' H' ID' DG@' A-L&%I-J' N-&H@M' .A-' DG@'
CM@' A.' DG@' I--IJ' I%L' &D' INN@I-M' DGID' I' MID&M.IHDA-J' I-?
-I%P@3@%D' GI'&%P' K@@%' HA%HBCL@L' K@DF@@%' DG@' HA%D-IHD?
&%P' NI-D&@M' M&T' G@I'J' D-I%MNA-DM' BIL@%' F&DG' DG@' -@SC&-@L'
HA33AL&D&@M' M@D' MI&' .A-' #JN-CM' &%' DG@' HAC-M@' A.' DG@' MI3@'
J@I&U' &DG' DG&M' MAB&DI-J' @TH@ND&A%' DG@' $@%@D&I%' I%%IBM

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I%J' HGI%P@' A-' 3AL&.&HID&A%' &%DA' DB&@' IDG'R I%L' DG@' .A-DJ' A%@' @B@HDA-M' FGA' F@-@' INNA&%D@L' I.D@-' DG@' AKM@SC&@M' A.' DG@' LAP@' .A-' DG@' NC-NAM@' A.' %I3&%P' G&M' MCHH@MMA-' 3IL@' C%I%&3ACM' HGA&H@' A.' ;@%&@-A' >@%A' OAL@MDm' A.' "@-3A' I' PIBBI%D' MABL&@-' b%L' I%' @3&%@%D'QC-&MHA%MCBD' Z DG'5I%CI-J' [' G@' @B@HD&A%' A.' >@%A' FIM' I%%AC%H@L' DA' DGS' N@ANB@' A%' K@GIB.' A.' G&M' HABB@IPC@M' KJ' O&@D-A' "AMHI-&%&' A.' I%' OIABA' DG@' I%%AC%H@3@%D' FIM' -@H@&'@L' A%' IBB' M&L@M' F&DG' HBI3A-ACM' INN-AKID&A%'R I%L' I-HA' >&I%&' #AC%D' A.' -KA' DG@' MA%' A.' DG@' .A-3@-' LAP@' A.' DGID' .I3&BJ' GI'&%P' K@@%' L@MNIDHG@L' F&DG' I' MSCIL-A%' A.' .AC-' PIBB@JM' DA' @MHA-D' G&M' @-@%&DJ' .&A3' "@-3A' DA' DG@' M@ID' A.' G&M' .CDC-@' PA'@-%? 3@%D' DG@' %@F' LAP@' 3IL@' G&M' MAB@3%' @%D-J' &%DA' $@%&H@' A%' DG@' 8DG' A.' "@K-CI-J' G@' LIJ' A.' DG@' HA-A%ID&A%' FIM' H@B@K-ID@L' IM' I' P@%@-IB' .@MD&'IB' I%L' GAB&LIJ' %' DGID' LIJ' DG@' MD-@@DM' F@-@' GC%P' F&DG' PI-BI%LM' I%L' .@MDAA%MR' DG@' F&%LAFM' A.' DG@' GACM@M' F@-@' PI&BJ' L@HA-ID@L' F&DG' .&IPM' ICLMD-HIP&@-MR' I%L' IM' DG@' HI'IBHIL@' NIMM@L' DG@' KIBHA%&@M' F@-@' .&BB@L' F&DG' LI3@M' I%L' LI3M@BM' A.' G&PG' L@P-@@' DG@' LICPGD@-M' A.' DG@' #A%DI-&%&' I%L' DG@' A-AM&%&' %L' &%' DG@' I.D@-%AA%' FG@%' DG@' H@-@3A%J' FIM' HA3NB@D@' I' DAC-%I? 3@%D' FIM' G@BL' K%' DG@' O&IVV' A.' I&%D' I-O' &%' FG&HG' IBB' 3@3K@-M' A.' DG@' @SC@MD-&I%' A-L@-' IM' F@BB' IM' 31%J' MD-I%P@-M' A.' L&MD&%HD&A%' KA-@' I' NI-DR' DG@' D&BD@-M' F@-@' N-&? H&NIBBJ' GAF@'@-' $@%@D&I%' I%L' -@'&MI%' %AKB@3@%R' I%L' I3A%P' DG@' .A-3D-' 3&PGD' K@' M@@%' I-HA' >&I%&' I%L' A? -@%VA' &@NABA' FGA' L-@F' 3CHG' IL3&-ID&A%' KJ' DG@&-' PIBBI%D' K@I-&%P' I%L' O%&PGDBJ' ILL-@MM +

G@' @I-B&@-' J@I-M' A.' DG@' -@&P%' A.' >@%A' F@-@' CM@.CBBJ

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MN@%D' &%' DG@' HA%D&%CID&A%' A.' &@NABAUM' P-@ID' DIMO' A.' B@PIB' -@.A-3R DG@' .&'@' KAAOM' A.' DG@' DIDCD@' C%L@-F@%D' ID' G&M' GI%LM' I'.I-DG@-' N-AH@MM' A.' @%BI-P@3@%D' I%L' -@'&M&A%R I%L' &%' DG@' HAC-M@' A.' +' INN@I-@L' I%' &3N-A'@L' @L&D&A%' A.' DG@' M ') /' FG&HG' IM' &M' P@%@.IBBJ' MCNNAM@L' FIM' NCKB&MG@L' &%' DG@' .&-MD' &%MDI%H@' KJ' O&@D-A' >&I%&' IKACD' DG@' J@I-' ' @' GI'@' -@HA-L@L' DG@' %I3@M' A.' DGAM@' FGA' F@-@' IMMAH&ID@L' F&DG' &@NABA' &%' K&M' BIKAC-MR .-A3' DG@' MI3@' ICDGA-&DJ' F@' PIDG@-' DGID' DG@' <AP@' >@%A' FIM' &%L@KD@L' &%' B&O@' 3I%%@-' DA' DG@' HA AN@-ID&A%' A.' &HABA' _C&-&%&' O&@D-A' ILA@-' I%L' I-&%A' <I%LABA +

CD' I..I&-M' A.' I' '@-J' L&..@-@%D' HA3NB@T&A%' MAA%' HI3@' DA' L&'@-D' DG@' IDD@%D&A%' A.' DG@' $@%@D&I%' PA'@-%3@%D' .-A3' DG@M@' FA-OM' A.' N@IH@' OA-' &%' ,' DG@' .&.DG' J@I-' A.' DG@' %@F' -@&P%' I' .-@MG' FI-' K-AO@' ACD' K@DF@@%' DG@' -@NCKB&H' I%L' 1@%AI' &D' GIL' &DM' -&M@' &%' DG@' .ABBAF&%P' H&-HC3MDI%H@M' D' DG@' N@-&AL' A.' DG@' #-CMIL@M' &D' FIM' CMCIB' &%' DGAM@' H&D&@M' A-' DAF%M' FG@-@' DG@' #G-&MD&I%M' G@BL' MFIJ' DA' IMM&P%' DA' @IHG' A.' DG@' 3@-HI%D&B@' HA33C%&D&@M' FG&HG' GIL' KA-%@' I' NI-D' &%' DG@' HA%SC@MD' A-' -@HA'@-J' A.' DGID' NI-D&HCBI-' L&M? D-&HD' .-A3' DG@' 3&MK@B&@'@-M' I M@NI-ID@' I%L' &%L@N@%L@%D' SCI-D@-' FG@-@' DG@J' 3&PGD' GI'@' DG@&-' AF%' 3&BB' DG@&-' AF%' A'@%' I%L' DG@&-' AF%' KIDG' DG@&-' AF%' F@&PGDM' I%L' 3@IMC-@M' I%L' DG@&-' AF%' HGC-HG' I%L' FG@-@' 3A-@A'@-' DG@J' 3&PGD' K@' PA'@-%@L' KJ' DG@&-' AF%' BIFM' I%L' N-AD@HD@L' A-' QCLP@L' KJ' DG@&-' AF%' 3IP&MD-ID@MR I%L' DG&M' MIBCDI-J' -CB@' DA' FG&HG' F@' .&%L' HA%MDI%D' IBBCM&A%' &%' DG@' D-@ID&@M' K@DF@@%

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DG@ʻ *DIB&I%ʻ -@NCKB&HMʻ I%Lʻ DG@ʻ @I-BJʻ a&%PMʻ A.ʻ5@-CMIB@3ʻ INN@I-Mʻ DAʻ GI'@ʻ K@@%ʻ P@%@-IBBJʻ AKM@-'@Lʻ G@-@ʻ F@-@ʻ HIM@MʻGAF@'@-ʻFG&HGʻA.ʻ%@H@MM&DJʻ.A-GI@Lʻ@TH@ND&A%MʻDAʻ&Dʻ Dʻ I&%Dʻ5@I%ʻLU H-@ʻ .A-ʻ &%MDI%H@ʻ DG@ʻ HGC-HGʻ A.ʻ I&%Dʻ IKKIMʻ FIMʻ .-@SC@%D@Lʻ KJʻDG@ʻ $@%@D&I%MʻIMʻ F@BBʻIMʻKJʻDG@ʻ 1@%A@M@Rʻ %Aʻ ADG@-ʻNBIH@ʻA.ʻFA-MG&Nʻ&Dʻ 3IJʻK@ʻHA%Q@HDC-@Lʻ FIMʻ I'I&BIKB@ʻ .A-ʻDG@ʻ NC-NAM@ʻ I%Lʻ DG@ʻ HA%M@SC@%H@ʻ FIMʻ DGIDʻ &%ʻ HAC-M@ L.ʻD&3@ʻ KADGʻ %ID&A%Mʻ MACPGDʻDAʻ .AC%Lʻ Iʻ -&PGDʻDAʻDG@ʻ @THBCM&'@ʻN-AN@-DJʻA.ʻDG@ʻKC&BL&%Pʻ G@ʻHA%? D-A'@-MJʻ IDʻ BIMDʻ P-@Fʻ MAʻ M@-&ACMʻDGIDʻ I-HAʻ 1&CMD&%&I%&ʻ DG@ʻ $@%@D&I%ʻ I&BAʻF-AD@ʻ&%ʻDG@ʻHAC-M@ʻA.ʻ ,ʻDAʻOAN@ʻ B@TI%L@-ʻ *$ʻʻM@DD&%Pʻ .A-DGʻ DG@ʻ H&-HC3MDI%H@MʻC%L@-ʻ FG&HGʻMCHGʻIʻL&..@-@%H@ʻGILʻA-&P&%ID@Lʻ MDID&%Pʻ DG@ʻ NA&%Dʻ FG&HGʻ&Dʻ GILʻ-@IHG@Lʻ I%Lʻ @I-%@MDBJʻMAB&H&D&%Pʻ G&Mʻ &%D@-? NAM&D&A%ʻ Dʻ DG@ʻMI3@ʻD&3@ʻDG@ʻ1@%A@M@ʻ A%MCBʻIDʻ I&%Dʻ 5@I%ʻLU H-@ʻ &3A%@ʻ$@%DAʻILL-@MM@Lʻ Iʻ B@DD@-ʻDAʻDG@ʻO-&A-ʻ A.ʻDG@ʻ : AMN&DIBB@-Mʻ DG-ACPGʻFGAM@ʻ &%.BC@%H@ʻ DG@ʻ -@NCKB&Hʻ FIMʻMI&L@DAʻGI'@ʻAKDI&%@Lʻ DG@ʻL&MNCD@Lʻ N-&'&B@P@ʻ&%ʻ FG&HGʻ DGIDʻA..&H@-ʻL@%&@Lʻ DG@ʻ D-CDGʻA.ʻDG@ʻ .A-@PA&%Pʻ -@N-@M@%DI? D&A%Mʻ NBIH@Lʻ DG@ʻ FGAB@ʻ HIM@ʻ &%ʻ G&Mʻ AF%ʻ B&PGDʻ I%Lʻ HA%? HBCL@Lʻ KJʻK@PP&%Pʻ IDʻDG@ʻGI%LMʻA.ʻDG@ʻO-&A-ʻIʻ.A-3IBʻ HA%.&-3ID&A%ʻA.ʻDG@ʻ-&PGDʻA.ʻG&Mʻ.@BBAF H&D&V@%Mʻ DAʻDG@ʻL&M? NAMIBʻA.ʻ I&%Dʻ IKKIMUMʻ G@ʻ I&BAʻ1&CMD&%&I%&ʻGAF@'@-ʻ GILʻMA3@ʻ-@IMA%ʻDAʻHA%M&L@-ʻDGIDʻG&Mʻ HAC%D-J3@%ʻGILʻIʻ MCN@-&A-ʻHBI&3ʻM&%H@ʻ&%ʻDG@ʻD-@ID&@Mʻ&%DAʻFG&HGʻDG@JʻGILʻ @%D@-@Lʻ IDʻ'I-&ACMʻD&3@MʻF&DGʻDG@ʻ@I-BJʻ#G-&MD&I%ʻa&%PMʻA.

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B&@ $@%@D&I%M GAF@'@- FGA GIL H-AFL@L DA DG@ MNAD ID A%H@ DG-@F L&MH-@L&D A%DG@ 3I%UM MDID@3@%D I%L '&AB@%DBJ IHHCM&%P G&3 A. N-&'ID@@-&%P N-IHD&H@M DAAO IFIJ G&M N-&V@ .-A3 G&3 G@ LACKB@ &%MCBD DGCM A..@-@L DA DG@&- HAC%D-J&%DG@N@-MA% A.DG@ #INDI&% IBBA%& HI--&@L DG@ &%L&P%ID&A% A.DG@ 1@%A@M@ DA I% C%PA'@-%IKB@ G@&PGDR DG@J-AM@&% I KALJR DG@J M@&V@L DG@&- I-3MR I%L N-A.&D&%P KJ DG@&- %C3@-&HIB MCN@-&A-&DJ DG@J K-AO@ &%DA DG@ $@%@? D&I% SCI-D@- FG@%H@ &%MN&D@ IM &D FACBL INN@I-+ A.DG@ -@3A%MD-I%H@M A.DG@&- HA%MCB $@%DA DG@ FGAB@ A.DG@ GAMD&B@ .IHDA-J PI'@ DG@ HGC-HG A. I&%D IKKIM DA DG@ .BI3@M I%L MN-@IL GI'AH I%L L@'IMDID&A% &% @'@-J L&-@HD&A% +

*%D@BB&P@%H@ A.DG@M@ @TD-AI-L&%I-J N-AH@@L&%PM MAA% -@IHG@L DG@ $@%@D&I% PA'@-%3@%D &% DG@ .A-3 A. I L@M? NIDHG .-A3 DG@ I&BA 1&CMD&%&I%& G@ .&-MD 3@IMC-@ ILAND@L KJ ;@%&@-A >@%A I%L G&M IL'&M@-M I.D@- I LC@ HA%M&L@-ID&A% A.DG@H&-HC3MDI%H@M FIM DA L@NCD@ 1&A'I%%& <I%LABA O&@D-A _C&-&%& I%L"-@L@-&PK 1&CMD&%&I%& DA DG@ PA'@-%3@%D A.1@%AI F&DG &%MD-CHD&A%M DA 3IO@ O%AF% DG@ ACD-IP@ FG&HG IHHA-L&%P DA -@H@%D A..&H&IB IL'&H@M GIL K@@% A..@-@L DA DG@ -@M&L@%DM A.DG@ -@NCKB&H ID H-@ I%L DA L@3I%L .CBB I%LU&33@L&ID@ MID&M.IHD&A% A- LA@M DG@ 1@%A@M@ PA'@-%3@%D INN@I- DA GI'@ 3IL@ I%J MD-A%P L@3C- DA DG@ L@3I%L .A- I% &%L@3%&.&HID&A% I%L INABAPJR I%L I HA%.@-@%H@ FIM IHDCIBBJ AN@%@L MGA-DBJ

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I.D@-FI-LM' ID' ABAP%I' FG&HG' FIM' N-AKIKBJ' M@B@HD@L' IM' %@CD-IB' P-AC%L' .A-' DG@' N@IH@IKB@' ILQCMD3@%D' A.' DG@' L&.? .@-@%H@ +' A' DG&M' HA%.@-@%H@' KADG' OAF@-M' M@%D' DG@&-' -@? N-@M@%DID&'@M'R I%L' .A-' I' FG&B@' DG@' %@PAD&ID&A%' N-AH@@L@L' M3AADGBJ' @%ACPG' CD'&%'HAC-M@'A.'D&3@'MA'3I%J'C%.A-@? M@@%' L&..&HCBD&@M' I-AM@' MA' 3I%J' L@BIJM' AHHC--@L' I%L' DG@' L&NBA3ID&MDM'A.'DG@'DFA'%ID&A%M'.AC%L'DG@3M@B'@M'MA'3CHG' ID' 'I-&I%H@' A%' M@'@-IB' A.' DG@' NA&%DM' DA' K@' L&MHCMM@L' DGID' DG@' &P%A-J' BAM&%P' IBB' NID&@%H@' IK-CNDBJ' F&DGL-@F'.-A3' DG@' %@PAD&ID&A%' I%L' @TN-@MM@L' I' L@.&%&D&'@' -@MABCD&A%' DA' GI'@'-@HAC-M@'DA'DG@'MFA-L' 1@%AI'GAF@'@'-'FGAM@'-CB@-M' F@-@' @'&L@%DBJ' 3AMD' I%T&ACM' ID' DG@' N-@M@%D'QC%HD&3@' DA' I'A&L' I'-CND3U@' F&DG' G@-' P-@ID' -&'IB' FIM' '@-J' .I-' .-A3' M@@O&%P' A-' F@BHA3&%P' MCHG' I' HA%MC33ID&A%R I%L' I.D@-' DG@' HBAM@' A.' DG@' HA%P-@MM' A.' ABAP%I' I%' @3KIMMJ' FIM' IHH-@L&D@L' DA' DG@' <AP@' >@%A' DA' HA%'@J' DA' G&M' @& @C&DJ' DG@' -@P-@D' A.' DG@' PA'@-%3@%D' ID' DG@' @'@%DM' FG&HG' GIL' BID@BJ' DIO@%' NBIH@' ID' I&%D' 5@I%' LU H-@' I%L' DA' IMMC&-@' G&3' A.' DG@' F&BB&%P%@MM' FG&HG' @T&MD@L' A%' &DM' NI-D' DA' I.&K-L' DG@' -@SC&-@L' MID&M.IHD&A%' CD' &D' FIM' DAA' BID@' G@' PA'@-%? 3@%D' A.'DG@' LAP@' GIL' IB-@ILJ' 3I-O@L'KCD' I' L&..@-@%D' B&%@' A.' NAB&HJ' FG&HG' &D' FIM' K@%D' A%' NC-MC&%PR' I%L' DG@' 3@3? K@-M' A.' DG@' 1@%A@M@' B@PID&A%' F@-@' L&M3&MM@L' I.D@-' I' K-&@.' ICL&@%H@' A.' >@%A' F&DG' I%' &%D&3ID&A%' DGID' DG@J' FACBL' -@3I&%' &%' DB&@' LA3&%&A%M' A.' DG@' &P%A-J' I.D@-' DG@' @TN&-I? D&A%' A.' DG-@@'LIJM' A%BJ' ID' DG@&-' AF%' N-AN@-' N@-&B' :I'&%P' DIO@%' DG&M' L@H&M&'@' MD@N' DG@'$@%@D&I%' PA'@-%3@%D' &%' DG@' HAC-M@' A.' DG@' MI3@' J@I-' Z ,[' DGACPG' &%' IBB' N-AKIK&? B&DJ' DAFI-L' DG@' HBAM@' A.' &D' L@MNIDHG@L' A-@%VA' &@NABA'

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DA‘ D‘5@I%‘LU H-@‘F&DG‘I‘MSCIL-A%‘A.‘DG&-D@@%‘PIBB@JM‘%A‘ &%&-&IBBJ‘N@-GINM‘.A-‘DG@‘N-AD@HD&A%‘A.‘$@%@D&I%‘MCKQ@HDM‘ &%‘DGAM@‘NI-DM‘KCD‘&%‘-@IB&DJ‘IM‘FIM‘MC..&H&@%DBJ‘NBI&%‘A%‘ I‘3&MM&A%‘A.‘‘@%P@I%H@‘I%L‘-@D-&KCD&A%‘ &@NABA‘-@IHG@L‘ G&M‘L@MD&%ID&A%‘J+&DGACD‘LI%P@-‘A-‘&3N@L&3@%D‘.A-H@L‘DG@‘ KAA3‘FG&HG‘BIJ‘D-I%M‘@-M@BJ‘ID‘DG@‘@%D-I%H@‘A.‘DG@‘GI-? KAC-‘L@MD-AJ@L‘IBB‘DG@‘@%@3JUM‘MG&NN&%PM‘FG&HG‘.@BB‘&%DA‘ G&M‘GI%LM‘I%L‘DG@%‘L&M@3KI-O&%P‘G&M‘D-AANM‘-@LCH@L‘I‘ HA%M&L@-IKB@‘NA-D&A%‘A.‘DG@&-‘.IHDA-J‘DA‘IMG@M‘ G@‘IL? 3&-IB‘DG@%‘N-AH@@L@L‘DA‘&%‘@MD‘I‘HIMDB@‘A-‘.A-D‘‘I-&ACMBJ‘ L@M&P%ID@L‘KJ‘G&MDA-&I%M‘ AMHGI‘I%L‘ A%PA&I+‘FG&HG‘ BIJ‘ID‘I‘MGA-D‘L&MDI%H@‘.-A3‘ H-@‘I%L‘FG&HG‘FIM‘ID‘DGID‘ D&3@‘&%‘NAMM@MM&A%‘A.‘I‘1@%A@M@‘PI--&MA%R‘DG@‘NBIH@‘.@BB‘ I.D@-‘I‘MA3@FGID‘B@%PDG@%@L‘M&@P@‘SC&D@‘ID‘DG@‘HBAM@‘A.‘ ,R‘I%L‘&DM‘.IBB‘-@LCH@L‘DG@‘.A@‘DA‘DG@‘%@H@MM&DJ‘A.‘ L@3I%L&%P‘I%‘I-3&MD&H@‘.A-‘DFA‘3A%DGM‘FG&HG‘&@NABA‘ L&L‘%AD‘G@M&DID@‘DA‘P-I%D+

<C-&%P‘DG@‘MCMN@%M&A%‘A.‘GAMD&B&D&@M‘KADG‘DG@‘K@B? B&P@-@%DM‘F@-@‘KCM&BJ‘@%PIP@L‘&%‘N-AHC-&%P‘-@&%.A-H@? 3@%DM‘R‘DG@‘$@%@D&I%M‘F@-@‘QA&%@L‘KJ‘I‘M3IBB‘MSCIL-A%‘ .-A3‘#I%L&I‘C%L@-‘5IHANA‘CIVVA‘I%L‘O&@D-A‘_C&-&%&‘ FG&B@‘D@%‘PIBB@JM‘I--&‘@L‘DA‘DG@‘-@B&@.‘A.‘DG@‘1@%A@M@‘ .-A3‘#JN-CM‘C%L@-‘DG@‘HA33I%L‘A.‘OIMSCIB@‘IBBA%&‘ :I‘&%P‘DGCM‘HA3NB@D@L‘DG@&-‘N-@NI-ID&A%M‘DG@J‘&3NID&@%DBJ‘ IFI&D@L‘DG@‘3A3@%D‘.A-‘-@MC3&%P‘DG@‘A..@%M&‘@R‘I%L‘A%‘ DG@‘@TN&-ID&A%‘A.‘DG@‘D-CH@‘‘DG@J‘ID‘A%H@‘GIMD@%@L‘DA‘ 3@IM3U@‘DG@&-‘MD-@%PDG‘&%‘I‘-@PCBI-‘@%PIP@3@%D‘ G&M‘ @%PIP@3@%D‘DAAO‘NBIH@‘K@DF@@%‘ H-@‘I%L‘J-@R‘DG@‘N-@

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H&M@‘ MNAD‘ GIM‘ %AD‘ K@@%‘ &%L&HID@L‘ KJ‘ AC-‘ HA%D@3NA-I-J‘ G&MDA-&I%M‘%A-‘ LA‘I%J‘ 3@I%M‘%AF‘ @T&MD‘KJ‘ FG&HG‘&D‘ 3&PGD‘ K@‘ IMH@-DI&%@L‘ CD‘ &D‘ M@@3M‘DGID‘I.D@-‘ I‘GI-L‘ I%L‘MI%‘ PC&%I-J‘ HA%D@MD‘DG@‘$@%@D&I%M‘ IHG&@'@L‘ I‘M&P%IB‘D-&C3NG‘ I%L‘DGID‘.&'@A.‘DG@‘ @%@3JUM‘ '@MM@BM‘&%HBCL&%P‘ DG@‘ .BIP? MG&N‘ FG&HG‘GIL‘DG@‘ 1@%A@M@‘ IL3&-IB‘A%‘KAI-L‘.@BB‘&%DA‘ DG@‘5&I%LM‘A.‘DG@‘ '&HDA-M

A-‘K-&BB&I%D‘ I%L‘HA3NB@D@‘IM‘&D‘ 3IJ‘INN@I-‘FIM‘DG@‘ KIDDB@‘A.‘ I&%D‘5@I%‘ LU H-@‘DG@‘A%BJ‘MCHH@MM‘FG&HG‘ID? D@%L@L‘DG@‘HI3NI&P%‘A.‘DG@‘-@NCKB&H‘&%‘DG@‘ ! IMD‘LC-&%P‘ ,‘I%L‘DG@‘.ABBAF&%P‘J@I-‘ "A-‘FG&B@‘ A-@%VA‘ &@NABA‘ FIM‘MD-&O&%P‘MA‘M@'@-@‘I‘KBAF‘ ID‘DG@‘%I'IB‘NAF@-‘A.‘1@%AI‘ A%‘DG@‘MGA-@M‘A.‘DG@‘ :ABJ‘ I%L‘I‘M@HA%L‘MSCIL-A%‘A.‘ D@%‘PIBB@JM‘C%L@-‘1&A'I%%&‘<A-A‘MF@ND‘DG@‘FID@-M‘A.‘DG@‘ O-ANA%D&M‘I%L‘MN-@IL‘DG@‘D@--A-‘A.‘DG@‘$@%@D&I%‘%I3@‘DA‘ DG@‘'@-J‘FIBBM‘A.‘#A%MDI%D&%ANB@‘ G@‘@TN@L&D&A%‘A.‘<A-A‘ FG&HG‘&D‘&M‘3AMD‘B&O@BJ‘DG@‘-@NCKB&H‘GIL‘.&DD@L‘ACD‘MCK? M@SC@%DBJ‘DA‘DG@‘L@NI-DC-@‘A.‘ &@NABA‘I%L‘G&MH.B@@D‘@T? D@%L@L‘&DM‘-I'IP@M‘IBA%P‘DG@‘FGAB@‘HAIMD‘A.‘1-@@H@‘I%L‘ &%.B&HD@L‘L-@IL.CB‘GI'AH‘A%‘DG@‘BI-P@‘3@-HI%D&B@‘@MDIKB&MG? 3@%DM‘FG&HG‘GIL‘K@@%‘.A-3@L‘KJ‘DG@‘@%@3J‘&%‘'I-&ACM‘ NI-DM‘A.‘DG@‘ @'I%D‘ G@M@‘IHHC3CBID@L‘L&MIMD@-M‘DG-@F‘ DG@‘PA'@-%3@%D‘I%L‘N@ANB@‘A.‘1@%AI‘&%DA‘DG@‘CD3AMD‘ HA%MD@-%ID&A%‘I%L‘L&M3IJR‘DG@‘P-@ID@MD‘IP&DID&A%‘N-@'I&B@L‘ &%‘DG@‘HIN&DIBR‘I%L‘DG@‘G@I-D‘A.‘DGID‘N-ACL‘-@NCKB&H‘3A? 3@%DI-&BJ‘.I&B@L‘G@-‘IM‘MG@‘MIF‘@'@-J‘@.&K-D‘IDD@%L@L‘KJ‘ I‘-@'@-M@‘I%L‘@'@-J‘NA&%D‘DG-@ID@%@L‘KJ‘I‘'&HDA-&ACM‘.A@‘ CD‘DG@‘3ILL@%&%P‘I%L‘GC3&B&ID&%P‘-@.B@HD&A%‘DGID‘&D‘FIM‘ ID‘DG@‘GI%LM‘A.‘I‘OAF@-‘FG&HG‘A.‘IBB‘OAF@-M‘N@-GINM‘MG@‘ &SA+D‘GID@L‘I%L‘L@MN&M@L‘DGID‘MG@‘GIL‘MC..@-@L‘DG&M‘L&M

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P-IH@ 'MAA% PI '@ 1@%AI 'HAC-IP@ DA N@&UM@ ' @-@R I%L 'MA MAA% IM DG@ @B@HD&A%M A. / F@-@ HA3NB@D@ ' I%L DG@ #AC%H&B A. %H&@%DM ' FG&HG FIM MN@H&IBBJ L@M&P%@L DA IMM&MD DG@ %@F # INDI&% ' 1CPB&@B3A AHH&%&P-I '&% DG@ L&MHGI-P@ A. G&M A%@-ACM .C%HD&A%M ID DB&&M H-&D&HIB QC%HDC-@ ' GIL K@@% INNA&%D@L ' MG@ -@DC-%@L DA DG@ HA%D@MD F&DG .-@MG '&PAC- I%L L@D@-3&%ID&A%

AD B@MM .I 'AC-IKB@ ' GAF@ '@- ' DA DG@ I-3M A. DG@ ; @? NCKB&H DGI%' 'GIL K@@% DG@ N-@H@L&%P HI3NI&P% ' FIM DGID A. E8 : IJ&%P -@H@&'@L &%D@BGP@%H@ 3 DG@ @I-BJ NI-D A. DG&M J@I- ' DGID DG@ N-@NI-ID&A%M A. DG@ @%@3J .A- DG@ -@%@FIB A. GAMD&B&D&@M F@-@ IL 'I%H&%P -IN&LBJ DAFI-L HA3? NB@D&A% ' DG@ $@%@D&I%' PA '@-%3@%D -@MAB '@L DA BAM@ %A D&3@ &% -@&%.A-H&%P DG@ L3&-IB &@NABA ' I%L .A- DG&M NC-NAM@ DF@%DJ PIBB@JM ' C%L@- DG@ A-L@-M A. %L-@I >@%A DG@ LAP@UM %@NG@F e I%L D@% 'C%L@- OIABA OIB&@-A F@-@ L@MNIDHG@L 'MA MAA% IM DG@J HACBL K@ PAD &% -@IL&%@MM ' DA I&%D 5@I% LU H-@ ' FG@-@ DG@J GIL &%MD-CHD&A%M DA @..@HD I QC%HD&A% F&DG DG@ HA3 3I%L@- &% HG&@.

&@NABA ' FGAM@ MSCIL-A% FIM -I&M@L KJ DG@ I--&'IB A. >@%A I%L "IB&@-A DA CNFI-L A. M@'@%DJ '@MM@BM A. IBB MI&B %AF .@BD G&3M@B. &% I NAM&D&A% DA 3A'@ F&DG HA%.&L@%H@ IPI&%MD I%J .A-H@ ' FG&HG 3&PGD K@ ANNAM@L DA G&3R I%L &% DG@ BIDD@- NI-D A. 5C%@ ' 8 DG@ IL3&-IB GI '&%P B@.D DG@ I&BA 1&CMD&%&I%& F&DG MA3@ D-AANM&% HGI-P@ A. I&%D 5@I% LU H-@ ' NCD ACD DA M@I &% SC@MD A. DG@ @%@3J ' FGA

G $ 7GH 'A ' , '*' >:Y 78>#&I R' 'A ' *'> ' ' #$
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G@‘ FIM‘ IL'&M@L‘ GIL‘ B@.D‘ DG@‘ NA-DM‘ A.‘ 1@%AI‘ @I-BJ‘ &%‘ DG@‘ J@I-‘ C%L@-‘ DG@‘ HA33I%L‘ A.‘ ;AMMA‘ LIBBI‘ C-HI‘ G@‘ $@%@D&I%M‘ G IL‘ %AD‘ N-AH@@L@L‘ .I-‘ FG@%‘ DG@J‘ HI3@‘ &%‘ .CB‘ '&@F‘ A.‘ <IBBI‘ C-@IUM‘ MSCIL-A%‘ R DG@‘ DFA .B@@DM‘ @%HAC%? D@-@L‘ @IHG‘ADG@-‘ A%‘ DG@‘ DG‘A.‘5C%@‘ IB3AMD‘A%‘ DG@‘ '@-J‘ MNAD‘ FG&HG‘GIL‘.A-3@L‘ .B&@‘ MH@%@‘ A.‘ &@N BAUM‘ '&HDA-J‘ &%‘ U ‘ <IBBI‘ C-HI‘G&%&M@B.‘ FGA‘GIL‘A%BJ‘K@HA3@‘IFI-@‘ A.‘ &@‘ %C3@-&HIB‘MCN@-&A-&DJ‘A.‘DG@‘$@%@B&I%M‘FG@%‘&D‘FIM‘ DAA‘BID@‘ .A‘ -@D&-@‘ FIM‘ L@M&&UACM‘A.‘I'A&L&%P‘I‘HABB&M&A%‘ C%D&B‘DG@R‘-@&%.A-H@3@%DM‘.A-‘FG&HG‘G@‘GIL‘INNB&@L‘DA‘G&M‘ PA'@-%3@%D ðI%L‘FG&HG‘G@‘GIL‘-@IMA%‘DA‘@TN@HD‘MGA-DBJ‘ GIL‘QA&%@L‘G&3‘ CD‘DG&M‘M@@3@L‘DA K@‘&3N-IHD&HIKB@‘ &%IM3CHG‘IM‘A%‘DG@‘&L@%D&HIB‘P-AC%LM‘FG&HG‘L&MNAM@L‘G&3‘ DA‘D@3NA-&V@‘G&M‘IL'@-MI-J‘FIM‘%IDC-IBBJ‘I%T&ACM‘DA‘K-&%P‘ DG@‘ 3IDD@-‘ ID‘A%H@‘DA‘I%‘ &MMC@‘I%L‘DA‘M@&V@‘DG@‘ANNA-? DC%&DJ‘FG&HG‘%AF‘N-@M@%D@L‘&DM@B.‘I%L‘FG&HG‘3&PGD‘K@‘ MAA%‘BAMD‘A.‘L@H&L&%P‘DG@‘.ID@‘A.‘I‘HI3NI&P%‘&%‘I‘M&%PB@‘ KIDDB@‘ G@‘FGAB@‘A.‘DG@‘ DG‘5C%@‘I%L‘DG@‘MCHH@@L&%P‘ %&PGD‘NIMM@L‘GAF@'@-‘F&DGACD‘K-&%P&%P‘I%J‘&3NA-DI%D‘ HGI.DP@‘A-‘-@MCBD‘ HHIM&A%IBBJ‘&%L@@L‘DG@‘1@%A@M@‘HA3? 3I%L@-‘FGA‘INN@I-@L‘DA‘K@‘NI&%.CBBJ‘I%T&ACM‘A.‘DG@‘L&.? .&HCBD‘NAM&D&A%‘&%‘FG&HG‘G@‘GIL‘K@@%‘C%@TN@HD@LBJ‘NBIH@L‘ @MMIJ@L‘DA‘F@IO@%‘DG@‘BI-P@‘.A-H@‘ANNAM@L‘DA‘G&3‘KJ‘L@? DIHG&%P‘MCHG‘A.‘DG@‘$@%@D&I%‘'@MM@BM‘IM‘3&PGD‘K@‘MA3@? FGID‘&MABID@L‘.-A3‘DG@‘-@MD‘R AHHIM&A%IBBJ‘DAA‘G@‘3IL@‘ I%‘IDD@3ND‘DA‘K-@IO‘A-‘N&@-H@‘DG@‘@%@3JUM‘B&%@‘KJ‘MCL? L@%BJ‘K@I-&%P‘F&DG‘G&M‘FGAB@‘MSCIL-A%‘A%‘A%@‘NI-D&HCBI-‘ NA&%D‘ CD‘DG@M@‘3I%A@C'-@M‘F@-@‘&%'I-&IKBJ‘&3MCHH@MM‘ .CB‘I%L‘IM‘DG@‘LI-O%@MM‘L-@F‘A%‘DG@J‘F@-@‘%@H@MMI-&BJ‘ L&MHA%D&%C@L‘ D‘DG@‘MI3@‘D&3@‘@'@-JDG&%P‘.A-@KAL@L

DG@' INN-AIHG'A.' I' P@%@-IB' I%L'N@-GINM' HA%HBCM&'@' @%PIP@?
3@%DR' I%L'@I-BJ' A%' DG@' %&A-%&%P' A.' DG@' DG' &@NABA' K@?
PI%' DA' P@D' &%' -@IL&%@MM' .A-' IADDA%' &.@' A.' DG@' IL3&-IBUM'
.&-MD' HI-@M' FIM'DA' ILL-@MM' G&M' 3@%' DA' N-@NI-@' DG@3' .A-'
DG@' N-AKIKB@' @'@%D' I%L' DA' I%&3ID@' DG@&-' HAC-IP@' BA' DG@'
CD3AMD' : @' DABL' .B&AM@' K-I'@' G@I-DM'dFGA' F@-@' G&M' HA3?
NI%&A%M' &%' LI%P@-' I%A:%' PBA-J' DGID' &D' D'IM' PI&%MDRRDG M@'
'@-J' .A@M'FGA3' DG@J GIL' K@ID@%' KCD' DB 'J I-' K@.A-@'DGIB'
G@' FIM' IKACD' DL' B@IL'Q&G@3' %AF'R G@' &3N-@MM@L' A%' DG@3'
DG@' &3NA-DI%H@' A.' DG@' C%L@-DIO&%P' &%' FG&DG' DG@J+F@-@'
@%PIP@L' @TGA-D&%PUDG@3' DA' K@I-' &%' 3&%L' DGID'A%' DG@'
-@mCBD' L@N@%L@L' DG@' GA%AC-' A.' $@%&H@' I%L' DG@' M@HC-&DJ'
A.' DG@' M@IM'R I%L' G@' IMMC-@L' DG@3' DGID' &D' FIMJK@HIC+'
DG@&-' I%DIPA%&MDM' F@-@' M@%M&KB@' A.' DG@&-' F@IO%@MM' IGL'
F@-@' I%T&ACM' DA' IFI&D' -@&%.A-H@3@%DM' DGID' DG@J'@'&%H@L'
I' -@BCHDI%H@' DA' .&PGD' G@' FA-LM' A.' &@NABA' F@-@' %AD'
BAMD' CNA%' G&M' G@I-@-M' *%' DG@' KIDDB@' G&HG'@%MC@L' I%L'
A.' FG&HG'+C%.A-DC%ID@BJ' '@-J' .@%' NI-D&HCBI-M' GI'@' -@IHG@L'
CM' DG@' I-3M' A.' DGW' &P%A-J' F@-@' H-AF%@L' F&DG' I' HA3?
NB@D@' I%L' L@H&M&'@' '&HDA-J' IBDGACPG'.-A3' DG@' L@D@-3&%@L'
-@M&MDI%H@' A..@-@L' KJ' DG@' 1@%A@M@' DG@' .A-DC%@' A.' FI-' GIL'
.BCHDCID@L' .A-' MA3@' D&3@' &%' I' 3I%%@-' FG&HG'-@%L@-@L'DG@'
.&%IB' &MMC@' A.' DG@' HA%.B&HD' @TH@@L&%PBJ' LACKD.CB' FA'
DGACMI%L' M&T' GC%L-@L' A.' DG@' @%@3J' F@-@' 3IL@' N-&MA%@-MR'
.&'@ ICL DF@%DJ' A.' DG@&-' PIBB@JM' K@HI3@' N-&V@M' A.' FI-R DG@'
-@MD' F@-@' MHIDD@-@L' I%L' NCD' DA' .B&PGD' .D@-' DG@' KIDDB@'
IM' &D' FIM' %@H@MMI-J' DA' -@NI&-' DG@' LI3IP@M' FG&HG' G&M' .B@@D'
GIL' MCMDI&%@L' I%L' DA' -@.&D' MA3@' A.' DG@' '@MM@BM' FG&HG' GIL'
MC..@-@L' 3A-@' M@'@-@BJ' K@.A-@' G@' -@DC-%@L' GA3@' &@NABA

L&-@HD@L G&M HAC-M@ A%H@ 3A-@ DAFI-L I&%D 5@I%LU H-@ I-&L DG@-@ G& D-AANM+ %AD& A%D@%D IM DaZ+ 3&PGD GI'@ K@@% F+DG DGP&Q MNB@%L&L D-&C3NG HK3 &N&DD@L DG@ 3AMD L-@ L .CB+ %H C&% CM L@'IMDID&A%M K-@IO&%P &%DA DG@ 1@%A@M@ SCI-D@- L@3AB&MG&%P IBB DG@ NCK&&H KC&BL&%PM I%L N-&'ID@ `F@BB&GP GACM@M N&BBIP&%P DG@ MDA-@M I%LUHAC%D@-M I%L INN-AN-&ID&%P DG@ 'IBCIKB@ @..@HDM A.DG@ AF%@-M A-&% DG@ @TH@MM A.DG@&- FI%DA%%@MM I%L 3IB&H@ DG-AF&%P DB&@3 I &A.LP DG@ KJMDI%L@-M A MCHG P-AMM IHDM A.'&AB@%H@ I%L &%GC3I%&DJ L&L DG@ -I%HA-ACM GID-@L @%P@%L@-@L KJ HA33@-H&IB -&'IB-J GC& J DG@ DFA 3AMD H&'&B&V@L HA&+ 3C%&D&HM &% FGID 3&PB-D&N@-GINM K@ HA%M&L@-@L DG@ %&&KMD H&'&B&V@L NA-D&A% A.3@L&@'IB !C-AN@

@I%FG&B@ DG@ FI- &% DG@ !IMD K@DF@@% DG@ $@%@D&I%M I%L DG@ 1@%A@M@ GIL I--@MD@L DG@ IDD@%D&A% A.DG@ FGAB@ A.!C-AN@ .@CL MA L@ILBJ I%L N-AD-IHD@L FG&HG GIL I-&M@% A% MCHG D-&'&IB P-AC%LM K@DF@@% DFA%ID&A%M FG&HG GIL .A-3@-BJ M&P%IB&V@L &G@&- HAC-IP@ I%L 'IBAC- IM DG@ HGI3N&A%M A.DG@ #-AMM .&PGD&%P M&L@ KJ M&L@ &% DG@ MI3@ -&PGD@ACM I%L GABJ HICM@ HACBL %AD KCD K@ L@NBA-@L KJ IBB #G-&MD&I% OAF@-M R I%L DG@ @@ 3A-@ @MN@H&IBBJ MAB&? H&DACM .A- DG@ -@MDA-ID&A% A.N@IH@ GIL BA%P @MMIJ@L J@D &% 'I&%KJ I% IBD@-%ID&A% A.DG-@IDM I%L @%D-@ID&@M DA N-@? 'I&B A% DG@ K@BB&P@-@%DM DA L@M&MD .-A3 DG@&- FA-O A.KBAAL D B@%PDG GAF@'@- &D M@@3@L %AD C%B&O@BJ DGID DG@ N&ACM @T@-D&A%M A.OAN@ B@TI%L@-*$ FACBL 3@@D DG@&- -@FI-L "A- I.D@- DG@ M@HA%L KIDDB@ A.I&%D5@I%LU H-@ &% FG&HG DG@ I-%QM A.1@%AI GIL @TN@-&@%H@L MCHG I D@--&KB@ -@? '@-M@ DG@-@ FIM I% @'&L@%D L&MNAM&D&A% A% DG@NI-D A.DGID S33C%@ DA HA3@ DA D@--IM R I%L DG@ ;@NCKB&H G@-M@B.

FGAM@ IDD@%D&A% FIM .CBBJ AHHCN&@L KJ DG@ I..I&-M A.*DIBJ FIM @SCIBBJ L&MNA M,L DA B&MD@%% DA I%J A'@-DC-@M FG&HG 3&PGD K@ 3IL@ DA G@- .I NIH&.&H %IBC-@ -.G@ MID%@ D&3@ &D FIM N-AKIKBJ CM@B@MM DA @TN@HD DGID @&DG@- +FACBL' HA%L@MH@%L DA DIO@ DG@ &%&D&ID&'@R I%L G&M :AB&%@MM+ NK M@.'&%P DG@+3CDCIB D@%L@%HJ I%L QCMDBJ L@@3&%P DGD N-@M@%D I% ANNA-DC%@ 3A3@%D .A- &%D@-NAM&%P G&M ICDG -&DJ %AF HI3@.A-FI-L IM I 3@L&IDA- G@ NINIB &%.BC@%H@ FIM %AD @T@-D@L F&DGACD'@..@HD AD&&OAF@-M HA%M@%D@L+ DA M@%L NB@%&NAD@%D&I-&@M DA I M@HA%L HA%.@-@%H@ FG&HG &% HA%.A-3&DJ F&DG B@TI%L@- M F&MG A- MCPP@MD&A% FIM DA K@G@BL ID ;A3@ G@<AP@>@&QS IHH-@L&D@L 1&A'I%%& L^& #I%IB@ "&B&NNA DA-BILA I%L I-HA _C&-&%BR DG@ 1@%A@M@ -@NCKB&H M@B@HD@L IM G@- I3KIMMILA-M @TD-IA-L&%I-J O-&%H& 'IBB@<A-& CHI 1-&3IBL& K@-DA OIMM&A I%L PA LI "&@MHG&R FG&B@ O&MI FGA GIL &% HA33A% F&DG DG@ @? 'I%D&%@ .IHDA-&@M A. O-A'@%H@ I%L I-M@&BB@M AHHIM&A%IBBJ B@%D G@- IMM&MDI%H@ DA DG@ &P%A-J LC-&%P DG@ FI- I%L FGA GIL ADG@- &%D@-@MDM DA FIDHG ID *G@ INN-AIHG&%P HA%? .@-@%H@ FIM -@N-@M@%D@L KJ A%@ A. G@- 3AMD @3&%@%D QC-&MDM ;@%&@-A C-VCNNA LAHDA- A. BIFM + :AF BA%+ DG@ #A%P-@MM A. ;A3@ 3IJ GI'@ MID F@ I-@ C%IKB@ DA L@D@-3&%@ A- FGID FIM DG@ N-@H&M@ HGI-IHD@- A. &DM N-A? H@@L&%PM CD DG@ -@MCBD FIM DGID I D-CH@ F&DG @THGI%P@ A. N-&MA%@-M FIM HA%HBCL@L K@DF@@%$@%&H@ I%L 1@%AIR DGID DG@ BIDD@- HA%M@%D@L GAF@'@- -@BCHDI%DBJ DA DG@ L@? 3AB&D&A% A. G@- N-&%H&NIB MD-A%PGABLM ID I&%D 5@I%LU H-@R

G 9 $ $ $ - $ =/
Q $ '* 1 ' 7 *' DD: & !' $ 7GH A $ '&'
* D:

I%L BIMDBJ DGID DG@ J-&I%M DG@ IBB&@M A. 1@%AI F@-@ N-A? G&K&D@L .-A3 GA&MD&%P DG@ KI%%@- A. DG@ BAALJ 1-AMM IM DG@J GIL G&DG@-DA LA%@ A% @%D@-&%P DG@ NA-D A. H-@ UIM FHBB IM .-A3 GI '&%P I HAC%D@- A- .IHDA-J &% DGID NBIH@

G@ MCMN@%M&A% A. GAMD&B&D&@M FG&HG GIL QDGCM K@@% N-A HC-@L DG-ACPG DG@ L&-@HD &%MD-C3@%DIB&DJ A. DG@ : ABJ @H FIM K-&@. GAF@'@- &% &DM LC-ID&A% I%L &D &M I MA3@FGID -@3I-OIKB@ H&-HC3MDI%H@ DGID &D FIM .-A3 I% IHD A% DG@ NI-D A. DG@ : ABJ @@ &DM@B. DGID N-AH@@L@L DG.@ @I-B&@MD &%L&HID&A%M A. I .-@MG -CNDC-@ K@DF@@% DG@ OAF@-M KACD DFA J@I-M I.D@- DG@ -ID&.&HID&A% A. DG@ D-CH@ DA FG&HG F@ GI'@ -@.@--@L GA3IM &MGAN A. @DGBHH3 DG@ NINIB B@PID@ &% OIB@MD&%@ HA%'@%@L I HAC%H&B ID I&%D 5#I% LU H-@ A. BIJ3@% IM F@BB IM @HHB@M&IMD&HM I%L &% DG@ N-@M@%H@ A. DG&M HAC%H&B DG@ B@PID@ IHD&%P F@ 3IJ MI.@BJ N-@MC3@ C%L@- &%MD-CHD&A%M DGACPG C%L@- FGID H&-HC3? MDI%H@M F@ I-@ C%IKB@ DA L&MHA'@- 3IL@ I .A-3IB L@3I%L .A- DG@ MC--@%L@- DA G&3 ID DG@ GI%LM A. DG@ O&MI% I%L 1@%A@M@ BAHIB ICDGA-&D&@M A. IBB DG@ MD-A%P I%L .A-D&.&@L NBIH@M F&DG&% DG@ N-@H&%HDM A. DG@ H&DJ L@3I%L A. MA HTD.IA-L&%I-J I %IDC-@ HACBL GI-LBJ .I&B DA DIO@ KJ M&C N-&M@ DGAM@ DA FGA3 &D F+IM ILL-@MM@LR DG@ #A%MCB A. O&MI I%L DG@ I&BA A. DG@ &PCA-J QA&%@L &% I L@H&L@L -@.CMIB DA HA3NBJR= I -@.CMIB &% FG&HG DG@J -@H@&'@L DG@ @%D&-@ MCNNA-D I%L INN-AKID&A%A. DG@&- -@MN@HD&'@PA'@-%3@%DMR+ I%L DG&M .-@MG MAC-H@ A. L&MIP-@@3@%D FG&HG GIL I-&M@% &D FACBL M@@3 SC&D@ C%@TN@HD@LBJ B@L &% MA3@ 3@IMC-@ DA DG@ -@'&'IB A. DG@ FI- &% DG@ ! IMD G@ HICM@ FG&HG N-&%H&NIBBJ HA%D-&KCD@L DA DGID C%.A-DC%ID@ @%L -@3I&%M GAF@'@- DA K@ @TNBI&%@L

=1 ' 7 * DD:

3&L' IB DB&A HGI%P@M FG&HG GIL DIO@% NBIH@ &% DG@
NAB&D&HIB IMN@HD A. !C-AN@ M&%H@ E/ IBLF&% * MD&BB
 HA%D&%C@L DA AHHCNJ DG@ DG-A%@ A. #A%MDI%D&%ANB@R G@
FIM %AF @%D@-&%P Z , [A% DG@ .AC- ICL DF@%D&@DG J@I-
A. G&M -@&P% &+&&HG LID@L .-A3 DG@ L@IDG A. G&M '@%@-IKB@
N @L@H@MMA- DG@ I-A% L@ -&@%%@ IBLF&% INN@I-M DA
GI'@ K@@% A%@ A. DGAM@ .@@KB@ C%L@H&L@L HGI-IHD@-M MA
HA33A% &% G&MDA-J FGAM@ '&-DC@M 3&PGD ILA-% I. N-&'ID@
MDID&A% KGD FGAM@ 3&M.A-DC%@ &D GIM K@@% DA K@ KA-% DA
I DG-A%@ GID M&%H@ G&M IHH@MM&A% DG@ ID&% 3A%I-HGJ
GIL K@@% MC..@-&%P I'P-ILCIB I%L N@-H@ND&KB@ L@HB&%@ I%L
DGID DG@ M@@LM A. L@HIJ FG&HG F@-@ MAF% &% DG@ LIJI A.
DG@ #A3%@%3 KJ '&H@ BCTC-J I%L B&H@%D&ACM%@MM GIL ID
BIMD HA3@ DA 3IDC-&DJ FIM %AD DA K@ IDD-&KCD@L GAF@'@-
2DA G&M &%HINIH&DJ .A- DG@ G&PG NAM&D&A% FG&HG G@ G@BL MA
3CHG IM DA DG@ &%@'&DIKB@ HAC-M@ A. @'@%DM I%L DA DG@
.A-H@ A. H&-HC3MDI%H@M A'@- FG&HG G@ FIM C%IKB@ DA @T?
@-H&M@ HAID-AB G@ M&DCID&A% &% FG&HG DG@ @3N@-A- FIM
NBIH@L FIM &%L@@L D-CBJ L@NBA-IKB@ I%L DG@ L&..&HCBD&@M
F&DG FG&HG G@ GIL DA HA%D@%L F@-@ MCHG IM 3&PGD F@BB
GI'@ INNIBB@L I 3I% A. .I- P-@ID@- .&-3%@MM I%L .I-
MD-A%P@- %@-'@ G@ MN&-&D A. DG@ ID&% HA%SC@-A-M FIM
@TD&%HD I%L DG@&- %C3K@-M F@-@ DG&%%@L KJ L@IDG A-
L@M@-D&A% .@F A. DGAM@ FGA QA&%@L DG@ "&.DG #-CMIL@
GI'&%P HGAM@%DA .A-3N@-3I%@%D M@DDB@3@%DM &% ;A3I%&I
G@ @THG@SC@- FIM @3NDJ G@ MA&C H@M A. -@'@%C@ F@-@
&%D@-H@ND@L A- L-&@L CN OCKB&H 3&M@-J I%L N-&'ID@ HA-?
-CND&A% F@-@ ID DG@&- HB&3IT !%@3&@M FGA F@-@ DAA
HA%MH&ACM A. &DM F@IO%@MM @%HA3NIMM@L DG@ MB@%L@- -@3?
%I%D A. DG@ LA3&%&A% A. IBLF&% A. "BI%L@-M A% @'@-J
M&L@ @ B@I-% &%L@@L DGID IKACD DG@ N@-&AL A. FG&HG FH

E ' ' ! ' ' 8 #

I-@' F-&D&%P 'DG@' "-@%HG' a&%P ' I&%D' AC&M ' I%T&ACM' DA' IBBW '
'&ID@'DG@'L&MD-@MM'A.'DG@'@3N@-A-'GIL'A-L@-@L'MCKMH-&ND&A%M'
DA' K@' AN@%@L' ID' #A%MDI%D&%ANB@' &%' G&M' .I' C0 .A-' I' BAI%'
A-' MCKM&LJ'A.' 'B&'-@M 2' I%L'DGID' ID' DG@' MI3@'
D&3@' MA3@' 3@3K@-M' A.'DG@' #INN@BBA' .I3&BJ' ID' $@%&H@' A%'
DG@' HA%L&D&A%' DGID' #AC-D@%IJ' B@.D' G&M' MA%' OG&B&N ' &%' DG@&-'
GI%LM' IM' I' MC-@DJ' .A-' DG@' -@NIJ3@%D' A.' DG@' 3A%@J' HA3 '
3&MM&A%@L'DG@' I&BA'A.'DG@'-@NCKB&H' ID'DG@' JVI%D&%@' HACB-D'
I-HA' 1-IL@%&PA' DA' KA--AF' &%' DG@&-' %I3@' I%L' D-I%M.@-'
DA' DG@' &3N@-&IB' D-@IMC-J' I' MC3' A.' E ')) ' CD'
DG@' -@B&@.' I..A-L@L' KJ' DG@M@' M3IBB' IL'I%H@M' FIM' MB&PGD'
I%L' A.' I' NC-@BJ'D@3NA-I-J' HGI-IHD@-' ' %A-' F@-@' DG@' ADG@-'
@TN@L&@%DM' DA' FG&HG' IBLF&%' GIL'-@HAC-M@' F&DG' ID'&@F'
DA' 3@@D&%P' G&M' %@H@MM&D&@M' 3A-@' N@-3I%@%DBJ' @..@HDCIB'
G@' D-CDG' FIM'DGID' DG@' F+GAB@'KALJ NAB&D&H' FIM' L&M@IM@L'
I%L' DGID' DG@' L&M@IM@' FIM' DAA' L@@NBJ' M@ID@L' I%L' A.' DAA'
ABL' I' P-AFDG' DA' K@' HC-@L' KJ' I%J' A-L&%I-J' -@3@L&@M'
!'@-JDG&%P' I%%AC%H@L'DG@' INN-AIHG' A.' I' H-&M&M' R)I%L' DG@'
H-&M&M' MAA%' HI3@

@' GI'@' IB-@ILJ' IBBCL@L'&%' I' HC-MA-J' 3I%%@-' DA' DG@'
-@'ABCD&A%' A.' , 'KJ' FG&HG'DG@' ID&% JVI%D&%@' @3N&-@'
I.D@-' I' LC-ID&A%' A.' .&.DJ M@'@%' J@I-M' FIM' A'@-DG-AF%' &%' I'
M&%PB@' LIJ' I%L' KJ' FG&HG' DG@' @3N&-@' A.' DG@' 1-@@OM' FIM'
-@MDA-@L' &%' DG@' N@-MA%' A.' &HGI@B' OIB~ABAPCM' O-&%H@' A.'
&H~I' A-'@'@%'G@-@' LA' F@' NC-NAM@' DA' @%H-AIHG' MA' .I-'
A%' DG@' N-A'&%H@' A.'DG@' JVI%D&%@' I%%IB&MD' IM' DA' @%D@-' F&DG'
I%J' L@P-@@' A.' L@DI&B' &%DA'DG@' 3@I%M' KJ' FG&HG' OIB~ABAPCM'
IHG&@'@L' G&M' L@M&P%' A-' DA' @%BI-P@' A%' DG@' H&-HC3MDI%H@M'
FG&HG' -@%L@-@L' &DM' @T@HCD&A%' HA3NI-ID&'@BJ' @IMJ' G@'

' " ' '7 '*' D<:' ' '7'*'>> :' ' 3 $

&[= <0 [$ I %

NIP@ A. @K@IC I%L <CHI%P@ 3CM MG@F GAF DG@
D-@IHG@-J A. I "-@%HG -@M&L@%D FGAM@ GACM@ &3 3@L&ID@BJ
A'@-BAAO@L DG@ AMNGA-CM IL3&DD@L &%DA #A%MDI%D&%ANB@
DG-ACPG I MCKD@--I%@I% I%L M@H-@D NIMMIP@ I HGAM@% KALJ
A. @&PGD GC%L-@L &H@I%M C%L@- DG@ 1-@@O P@%@-IB D-I
D@PANCBAM I%L GAF I P-@ID I%L MD-A%PBJ .A-D& @L H&DJ
FIM DIO@% KJ I GI%L.CB A. 3@% F&DG I .IH&B&DJ DA FG&HG
G&MDA-J HI% .C-%&MG .@F NI-IBB@BM D DG@ MI3@ D&3@ F@
.@@B &D %@H@MMI-J DA I..A-L MA3@ &%M&PGD &%DA DG@ 3I%%@-
&% FG&HG DG&M @TD-IA-L&%I-J MCHH@MM FIM AKDI&%@L IM F@BB
IM &%DA DG@ HICM@M DA FG&HG &D FIM 3A-@ &33@L&ID@BJ
IMH-&KIKB@ KACD DFA J@I-M N-&A- DA DG@ -@'ABCD&A%
A. , FG&HG GN-A'@L .IDIB DA DG@ #AC-D@%IJ LJ%IMDJQ
DG@ D@%L@%HJ A. DG@ ID&% @3N&-@ DA L@HIJ I%L HABBINM@
GIL K@HA3@ MA MD-A%P I%L &DM &%IK&B&DJ DA 3I&%DI&% &DM
P-AC%L IPI&%MD &DM @%@3&@M MA 3I%&.@MD DGID DG@ -@NCKB&H
N@-GINM F&DG DG@ HA%HC--@%H@A. IBLF&% N@-GINM 3@-@BJ
C%L@- DBQ@ N-@D@TD A. N-AD@HD&%P G@- AF% MCKQ@HDM @MD@
KB&MG@L I MN@H&@M A. N-AD@HDA-ID@ A'@- A%MDI%D&%ANB@ KJ
MDID&A%&%P I MSCIL-A% &% DG@ AMNGA-CMR I%L MCHG I MSCI?
L-A% I3AC%D&%P DA DG&-DJ PIBB@JM A. FI- FIM IHDCIBBJ
A% DGID M@-'&H@ ID DG@ N@-&AL A. DG@ -@'ABCD&A% C%L@-
DG@ HGI-P@ A. 5IHANA _C&-&%& + CD &D M@@3M DA GI'@
C%.A-DC%ID@BJ GINN@%@L DGID ID DG@ '@-J 3A3@%D FG@%
G&M N-@M@%H@ FIM 3AMD C-P@%DBJ -@SC&-@L DG@ $@%@D&I%
HA33I%L@- @SCIBBJ C%IFI-@ A. DG@ 3IP%&DCL@ I%L N-AT&?
3&DJ A. DG@ LI%P@- FIM @%PIP@L &% HA%QC%HD&A% F&DG
I-HA 1-IL@%&PA DG@ I&BA A. DG@ &P%A-J ID #A%MDI%

Q 7 *>@0 :
Q $ '* 4 , *'D>:& !] '* 5'
*>D/:Y 2 Z * D :

D&%ANB@ &% I% @TN@L&D&A% FG&Ha GIL &K- &DM AKQ@HD DG@ -@LCHD&A% A. <ING%CM&I I DAF% M&DCID@ A% DG@ HAIMD A. G-IH@ ID I HA%M&L@-IKB@ L&MDI%H@ .-A3 DG@ HIN&DIBR DG@ IL3&-IB I%L G&M HABB@IPC@ F@-@ %AD IQ&N-&M@L A. DG@ L@M&P% A. OIBIMABAPCM D&BB &D FIM IB-@ILJ DAA BID@ DA I'@-D DG@ HIDIMD-ANG@R I%L DG@J -@DC-%@L A%BJ &% D&3@ DA -@H@&'@ A% KAI-L DG@@3N@-A- G&3M@B. I%L DG@ $@%@D&I% OID-&I-HG OI%DIB@A%@ 1&CMD&%&I%& GCM GIL IBLF&%K@@% L@N-&'@L A. DG@ I&L A. _C&-&%& FG@% &D 3&PGD GI'@K@@% &%'IBCIKB@R I%L DGCM DAA FIM DG@ &P%A-J KI..B@L &% DG@ GAN@ FB&&HG MG@ GIL @%D@-DI&%@L A. N-@M@-'&%P #A%MDI%D&%ANB@ &% DG@ GI%LM A. DG@ ID&%M G .B@@D C%L@- _C&-&%& I%L 1-I L@%&PA FGA GIL ID A%H@ B@.D DG@ #G-JMAH@-IM FG@% DG@J N@-H@&'@L DGID DG@ &L@I A. -@M&MDI%H@ 3CMD K@ IKI%LA%@L .A- DG@ N-@M@%D DACHG@L &% DG@ .&-MD &%MDI%H@ ID @P-A NA%D FG@-@ DG@J GIL I% &%D@-'&@F F&DG A-@%VA &@NABA DG@ BAHIB I&BAQ I%L DG@%H@ DG@J MGA-DBJ MI&B@L .A- $@%&H@ FG@-@ DB&.@ I%%AC%H@3@%D A. DG@ -@'ABCD&A% 'G&HG GIL DIO@% NBIH@ &% DG@ !IMD PI'@ -&M@ DA I .@@B&%P A. DG@ M@'@-@MD L&MINNA&%D3@%D I%L 3AMD K&DD@- '@TID&A% + @ LA %AD &3IP&%@ DGID DG@ &BB QCLP@L I%L .IDIB N-AH@@L&%P A. 1-IL@%&PA FL&A &M P@%@-IBBJ MCNNAM@L DA GI'@2K@@% DG@ MAB@ ICDGA- A. DG@ @TN@L&D&A% DA <ING%CM&I e FIM MC..@-@L KJ DG@ $@%@D&I% PA'@-%3@%D DA NIMM C%H@%MC-@LR I%L F@ 3IJ MI.@BJ HA%HBCL@ DGID G&M -@H@ND&A% IM F@BB IM DGID A. _C&-&%& KJ DG@ HAC%D-J ID BI-P@ 3A-@ @MN@H&IBBJ KJ DG@ 3@-HI%D&B@ HA33C%&DJ+ FIM %AD A. I '@-J HA-L&IB A- .BID? D@-&%P L@MH-&ND&A% e

± 2 '7 '*'A4A ' 6 ' ' ' ' * @D:
Q 4 '7 ! S5 ' * >>:'Y 7 * >@ :Y 6 75, ' * <>:
' @@<I' #I%IB@ 'M@H' / [

&HGI@B' OIB~ABAPCM' 3IL@' G&M' MAB@3%' @%D-J'&%DA'#A%?
MDI%D&%ANB@'A%'DG@' ,DG'A.'5CBJ' , ' G&M'N-@M@%H@'GIL'
DG@' @..@HD'A.'-@MDA-&%P'A-L@-'I%L'L&MH&NB&%@'I3A%P'DG@'
D-AANM'A.' D-ID@PANCBAM'FG&HG'GIL'N-@'&ACMBJ'K@@%'PC&BDJ'
A.'DG@' P-AMM@MDe'@TH@MM@M'R I%L'A%@'A.'DG@' NA&%DM'FG&HG'
@%PIP@L'DG@' @I-.&@MD' IDD@%D&A%' A.'DG@' @3N@-A-'FIM' DG@'
@MDIKB&MG3@%D'A.'DG@'-@BID&A%M'A.'DG@' JVI%D&%@'HAC-D'F&DG'
DG@'3@-HI%D&B@'.IHDA-&@M'A.'$@%&H@'0&MI'I%L'1@%AI'A%'I'
.-&@%LBJ' I%L' &%D@BB&P&KB@' .AAD&%P' G@'DFA'.A-3@-'F@-@'
ID'A%H@'HA%.&-3@L'&%'DG@' @%QAJ3@%D'A.'DG@&-'I%H&@%D'N-&?
'&B@P@M'I%L'&33C%&D&@M'I%L'DG@'BAHIB'QC-&ML&HD&A%'A.'DG@&-'
I&B&' I%L' #A%MCBM' -@MN@HD&'@BJ'FIM' IHO%AFB@LP@L'I%L'
IBBAF@L' CD'DG@'1@%A@M@'DA'FGA3'OIB~ABAPCM'FIM'C%L@-'
N@HCB&I-'AKB&PID&A%M'I%L'DA'FGAM@'V@IBACM'HA AN@-ID&A%'
DG@' MCHH@MM' A.' G&M' C%L@-DIO&%P' FIM' &%' MA3@' 3@IMC-@'
AF&%P'-@H@&'@L'I'3A-@'I3NB@'MGI-@'A.'G&M'.I'AC-' M'I'
-@HA3N@%M@' .A-'DG@M@' I%L' ADG@-' M@-'&H@M'DG@' &MBI%L'A.'
H&A'FG&Z+'GIL'.A-3@-BJ'K@BA%P@L'DA'DG@' &P%A-J'FIM'
%AF' 3IL@'I'.-@@' NA-D'FG@-@'DG@'1@%A@M@'I%L'DG@AJ'IBA%@'
3&PGD'K@'@T@3ND'.-A3'DG@'NIJ3@%D'A.' IBB' LC@M'A-'DABBM'R
I%L'DG@' 3A%IMD@-J'HA%D&PCACM' DA'DG@' HGC-HG'A.'OI%DA'
H-IDA-'FG&HG'GIL'LAF%'DA'DG@'N-@M@%D&3@'K@@%'DG@'CMCIB'
-@M&L@%H@'A.'DG@'$@%@D&I%' I&BA'FIM' %AF'IMM&P%@L'DA'DG@'
1@%A@M@' OAL@MDI' M' &D' FIM' DA' K@' INN-@G@%L@L'.-A3'
DG@&-'%C3K@-M'I%L'MD-@%PDG'HACNB@L'F&DG'DG@&-'SCI--@B?
MA3@'L&MNAM&D&A%'DGID'DG@'HA%D&%CI%H@'A.'DG@'.I'AC-@L'3@-?
HGI%DM'&%'DG@'HIN&DIB' A.' DG@'@3N&-@'FACBL'N-A'@'LI%P@-?
ACM'A-'ID'B@IMD'D-ACKB@MA3@'DG@JF@-@'MGA-DBJ'I.D@-FI-LM'
GAF@'@-'D-I%M.@--@L'KJ'OIB~ABAPCM'DA'DG@'BI-P@'I%L'&-I'

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** ' MK

E 0"2 A1V AV B"$ ' E,

NA-DI%D H&DJ A. : @-IHB@I A% DG@ !CT&%@ FG@-@ DG@J F@-@
IL3&DD@L DA DG@ MI3@ -&PGDM I%L .-I%HG&M@M IM DG@J GIL
N-@'&ACMBJ @%QAJ@L ID #A%MDI%D&%ANB@ A- FIM &D BA%P
K@.A-@ DG@ G@ILSCI-D@-M A. DG@ 1@%A@M@ .IHDA-J F@-@
IPI&% MG&.D@L "A- @&DG@- ID DG@&- AF% -@SC@MD A- KJ I
MNA%DI%@ACM IHD A% DG@ NI-D A. DG@&- NID-A% DG@J M@@3 DA
GI'@ K@@% -@HIBB@L &% DG@ HAC-M@ A. I .@F 3A%DGM I%L
NBIH@L &% @THBCM&'@ NAMM@MM&A% A. DG@ MNIH&ACM MCKC-K A.
1IBIDI FG&B@ DG@&- -&'IBM A. O&MI I%L $@%&H@ FGA F@-@
B@MM %C3@-ACM I%L &% HA%M@SC@%H@ B@MM .A-3&LIKB@ F@-@
MC..@-@L DA -@3I&% &% DG@&- A-&P&%IB SCI-D@-

*% A%@&3NA-DI%D NA&%D DG@% %I3@BJ DG@ HA%'@-M&A% A.
H&A&%DA I 1@%A@M@D-IL&%P MDID&A% DG@-@NCKB&H FIM I BAM@-
KJ DG@ -@H@%D HGI%P@ CD &% .IHD DG@ BAMM A. H&A FIM
%AD DG@ A%BJ -@MN@HD &% FG&HG DG@ -@'ABCD&A% GIL AN@-ID@L
DA DG@ N-@QCL&H@ A. $@%@D&I% &%D@-@MDM @P-ANA%D DAA
.A- FG&HG M&%H@ DG@ N@-&AL A. DG@ "&.DG #-CMIL@ DG@
.I3&BJ A. <@ #I-H@-A GIL LA%@ DG@ &P%A-J GA3IP@ I%L
NI&L G@- D-&KCD@ I%L FG&HG FIM 'IBCIKB@ DA G@- &% I
HA33@-H&IB NA&%D A. '&@F FIM M@&V@L MGA-DBJ I.D@- DG@
IHH@MM&A% A. &HGI@B KJ G&M .I'AC-&D@M DG@ 1@%A@M@R I%L
DG@ $@%@D&I% BAHIB ICDGA-&D&@M F@-@ @TN@BB@L % DG&M
P-AC%L DG@ PA'@-%3@%D A. DG@ LAP@ .@BD DGID &D GIL
MD-A%P -@IMA% DA K@ L&MMID&M.&@L F&DG DG@ %@F A-L@- A.
DG&%PM ID #A%MDI%D&%ANB@R I%L &D FIM HA%M@SC@%DBJ %AD
BA%P K@.A-@ &D -I&M@L &DM 'A&H@ &% HA3NBI&%D I%L -@3A%?
MD-I%H@ *% DG@ ICDC3% A. , I-HA 1&CMD&%&I%& N-AKIKBJ DG@ @T I&BA A. H-@ FIM IPI&% HIBB@L &%DA
IHD&'@ @3NBKJ3@%D KJ G&M M@B@HD&A% IM I3KIMMILA- @TD-I?
A-L&%I-J DA DG@ HAC-DM A. "-I%H@ I%L NI&% R G&M &%MD-CH

D&A%M F@-@ DA -@%L@- I .CB IHHAC%D A. IB DG@ H&-HC 3MD I%H@M HA%%@HD@L F&DG DG@ CMC-NID&A% A. OIBM@ABAPCM DA 3IO@ O%AF% DG@ C%QCMD D-@ID3@%D FG&HG G&M HAC%D-J GIL @T? N@-&@%H@L ID DG@ GI%LM A. DGID N-&%H@ DA -@N-@M@%D DG@ LI%P@-M FG&HB 3&PGD I-&M@ DA #IDGAB&H !C-AN@ .-A3 DG@ -@ &@MDIKB&MG3@%. A. I% G@-@D&HIB OAF@- ID DG@ 1ABL@% : A-% I%L DA C-P@ DG@ ILAND&A% KJ DG@ @MD@-% %ID&A%M A. MA3@ 3@IMC-@M &% HA%H@-D F&DG DG@ &P%A-J .A- DG@ -@MDA-ID&A% A. DG@ @T&B@L LJ%IMDJ I%L DG@ L@NAM&D&A% A. DG@ MHG&M3ID&HIB @3N@-A- + &HG@B@ <A-A FIM IHH-@L&D@L KJ >@%A ID DG@ MI3@ D&3@e I%L .A- I M&3&BI- NC-NAM@ DA DG@ HAC-D A. DG@ $ID&HI%

G@ -@H@ND&A% A. DG@ $@%@D&I% I3KIMMILA-M FIM MC..&? H&@%DBJ @%HAC-IP&%P IGL KA-@ @'@-J N-A3&M@ A. I MCHH@MM? .CB -@MCBD G@ AKQ@HD FG&HG DG@J HA%D@3NBID@L FIM C%L@-MDAAL I%L INN-@H&ID@LR I%L DG@ NBI%M FG&HG DG@J N-ANAC%L@L F@-@ L&MHCMM@L F&DG .-@@LA3 I%L NID&@%H@ CD FG&+@'@- 3&PGD K@ DG@ &%HB&%ID&A% A. I&%D AC&M I%L DG@ NAN@ Z -KI% *$ [DA @%D@- &%DA DG@ '&@FM A. >@%A I%L G&M IL'&M@-M A- FGID@'@- DG@&- I%T&@DJ DA -@&%MDID@ DG@ B&%@ A. DG@ #AC-D@%IJM %@&DG@- FIM &% I NAM&D&A% DA @3? KI-O &% I% @%D@.N-&M@ A. MCHG 3IP%&DCL@ IM DGID N-ANAM@L KJ <A-A I%L 1&CMD&%&I%& FG@-@ MCHG MB@%L@- GAN@M @T? &MD@L A. AKDI&%&%P I .I'AC-IKB@ &MMC@R I%L IBB DG@ MID&M? .IHD&A% FG&HG DG@ -@NCKB&H L@-&'@L .-A3 G@- @T@-D&A%M HA%M&MD@L A. .I&- I%L MN@H&ACM N-A.@MM&A%M G@ D-CDG M@@3M DA GI'@ K@@% DGID 3& DI-J N&BP-&3IP@M F@-@ ID N-@M@%D 3CHG B@MM .IMG&A%IKB@ IM F@BB IM 3CHG B@MM NA? NCBI- DGI% .A-3@-BJR I FIM K@HA3&%P I KJFA-L R

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I%L DG@ .&@-H@ I%L .@-'@%D MN&-&D A. @%DGCM&IM3 FG&HG &%MN&-@L DG@ <@ AC&BBA%M I%L DG@ A%D.A-DM GIL %AF K@PC% DA B@IL 3I%O&%L &% I L&-@HD&A% 3A-@ AK'&ACMBJ MCPP@MD&'@ A.N-AP-@MM&'@ H&'&B&VID&A%

G@ -@NCKB&H FIM %AD GAF@'@- DA K@ .-CMD-ID@L &% G@- AKQ@HD KJ DG@ .I&BC-@ A. G@- L&NBA3ID&H @& A-DMR I%L IM &D INN@I-@L L&..&HCBD A-&3NAMM&KB@ DA N-@'I&B A% ADG@-0AF@-M DA QA&% F&DG G@- &% DG@ '&%L&HID&A% A. G@- F-A%PM MG@ L@D@-3&%@L DA DIO@ CN DG@ SCI--@B M&%PB@ GI%L@L 0-@? NI-ID&A%M .A- I FI- F&DG 1@%AI I%L 1-@@H@ F@-@ IHHA-L? &%PBJ HA33@%H@L&% DG@ F&%D@- A. , F&DG HGI-IHD@-&MD&H '&PAC- I%L IHD&'&DJR I%L &% DG@ HAC-M@ A. I .@F 3A%DGM DFA %I'IB I-3I3@%DM A.C%@SCIB MD-@%PDG F@-@ .&DD@L ACD &% -@IL&%@MM .A- DG@ INN-AIHG&%P HI3NI&P% G@ A%@ HA%M&MD&%P A. @&PGD@@% PIBB@JM C%L@- I-H &HG&@B& GIL A-L@-M DA N-AH@@L DA DG@ @L&D@--I%@I% .A- DG@ N-A? D@HD&A% A. DG@ $@%@D&I% .BIP &% DG@ @'I%D FG&HG DG@ IMH@%LI%HJ A. 1@%AI GIL @TNAM@L DA LI%P@- I%L &%MCBD G@ ADG@- HA3NAM@L A.DG&-DJ MI&B C%L@-5IHANA <@B.&%A L&-@HD@L &DM HAC-M@ DA DG@ BIHO @I F&DG I M&3&BI- AKQ@HD *D &M .I&- I%L %IDC-IB DA HA%HBCL@ DGID KADG HA33I%L@-M F@-@ @3NAF@-@L DA IHD A% DG@ A.&@%M&'@ A% DG@&- -@MN@H? D&'@ MDID&A%M IM H&-HC3MDI%H@M 3&PGD MCPP@MD A- -@SC&-@ *D FIM DA DG@ AN@-ID&A%M A.DG@ BIDD@- I%L 3A-@ NAF@-.CB MSCIL-A% A. HAC-M@ DGID DG@ PA'@-%3@%D A. DG@ <AP@ >@%A IDDIHG@L DG@ 3AMD &3NA-DIGH@R I%L &D INN@I-M DGID &% NC-MCI%H@ A. I MN@H&IB L@H-@@ FG&HG FIM NIMM@L KJ DG@ @P&MBID&'@ ALJ &% , IBB DG@ A..&H@-M M@-'&%P

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C%L@-' <@B.&%A' F@-@' M@B@HD@L' .-A3' DB&@' 1-@ID' #AC%H&B +' &D' K@&%P' %AD' &3N-AN@-BJ'HA%M&L@-@L ' DGID' DGAM@ ' FGA' GIL' DG@' BI-P@MD' MDIO@' &%' DG@' %ID&A%IB' F@B.I-@ ' F@-@' GO@BJ' DA' N-A'@' DG@' K@MD' L@.@%L@-M' A.' DG@' %ID&A%IB' GA%AC- I%L' B&K@-DJ ' G@' AN@-ID&A%&' A.' &HK&@B&' F@-@ ' &%L@@L ' .@F' I%L' C%&3 ' NL&DI%DR' I%L' I.D@-' G&M' L@IDG ' FG&HG' AHHC--@L' &%' I'MCLL@%' I%L' C%@TN@HD@L' 3I%%@-' I' MGA-D' D&3@' MCKM@SC@%DBJ' DA' G&M' I--&'IB' &%' DG@' A-@I +' I' QC%HD&A%' FIM' @..@HD@L' K@DF@@%' DG@' @L&D@--I%@I%' I%L' BIHO' @I' MSCIL-A%M ' DG@' C%L&? '&L@L' HA33I%L' A.' FG&HG' FIM' 3IL@' DA' L@'AB'@' A%' <@B.&%A ' G@' BIDD@- ' FGAM@' .A-H@' FIM' DGCM' -I&M@L' DA' .A-DJ @&PGD' MI&B ' GI'&%P' -@H@&'@L' &%D@BB&P@%H@ ' DGID' DG@' 1@%A@M@' .B@@D' GIL' K@@%' M@@%' &%' DG@' L&-@HD&A%' A.' IBp%&HI ' MGIN@L' G&M' HAC-M@' .A-' DGID' NBIH@ ' I%L' @%L@I'AC-@L' DA' K-&%P' DG@' @%@3J' DA' IHD&A% ' CD' DG@' 1@%A@M@' HA33I%L@- ' N@-H@&'&%P' DGID' DG@' 3A'@3@%DM' A.' G&M' IL'@-MI-J' GIL' &%D@-H@ND@L' G&M' @T? N@HD@L' -@&%.A-H@3@%DM' .-A3' GA3@ ' IM' F@BB' IM' G&M' HA33C ' %&HID&A%P' F&DG' DG@' 1-@@OM ' I%L' L&MD-CMD.CB' A.' G&M' IK&B&DJ' DA' HAN@ ' F&DG' G&M' N-@M@%D' MD-@%PDG ' &DG' MA' BI-P@' I' .A-H@' IM' DGID ' FG&HG' FIM' ANNAM@L' DA' G&3 ' L@HG%@L' DA' IKI%LA%' DG@' M@HC-@' I%L' C%IMMI&BIKB@' NAM&D&A% ' FG&HG' G@' GIL' DIO@%' CN' &%' DG@' NA-D ' A.' IBp%&HII%L' <@B.&%A ' ID' BIMD' BAM&%P' NID&@%H@ ' GA&MD@L' MI&B' .A-' @P-ANA%D ' GID' &MBI%L' FIM' %AF' MN@@L&BJ' -@HA'@-@L' .-A3' DG@' GI%LM' A.' DG@' 1@%A@M@' FGA ' LC-&%P'DG@&-' MGA-D' D@%C-@ ' GIL' G@BL' &D' &%' .&@.' A.' O-&%H@' "-@L@-&H ' DG@' MA%' A.' "-@L@-&H' ** R' I%L' DG@' ICDGA-&DJ' A.' A-@%VA' &@NABA ' IM' DG@' BAHIB' -@N-@M@%DID&'@' A.' DG@' -@NCKB&H

B , ' ' * (' * ' :
' 2 ' ' ' ! ' ! ♯ 9 ' 7 , ' * ' >= :
Q ' $ ' U ' * ' ' =/ :

E 8 :* ; A- $! *#!

FIM -@ @MDIKB&MG@L F&DG IM GDDB@ L&..&HCBDJ IM &D GIL K@@% BID@BJ A'@-DG-AF% G&M &3NA-DI%D -@MCBD GI'&%P K@@% IHHA3NB&MG@L DG@ AN@-ID&A%M A. DG@ @L&D@--I%@I% MSCI? L-A% F@-@ K-ACPGD DA I @BAM@ I%L <@B.&%A N-@NI-@L DA -@DC-% DA $@%&H@ G@ @%@3J %AD C3&&+&BB&%P DA I'I&B DG@3M@B'@M A. DG@ -@3A'IB A.DG@ KBAHOILL A. IBp%&HI'GIL IB-@ILJ B@.D DGID NBI@@ I%L NCD ACD DA M@I A% DG@&- -@DC-% DA 1@%AI *D A%BJ -@3I&%M DA %AD&H@ I% @TN@L&D&A% FG&HG IKACD DG@ MI3@ N@-&AL FIM .&DD@L ACD KJ <@ 1I-H@-A + 1-I%L "@CLIDA-J A. @P-ANA%D ID DG@ MCPP@MD&A% A. DG@ $@%@D&I%M IPI&%MD DG@ !3N@-A- OIB~ABAPCM Q &D HA%M&MD@L A. I .@F MG&NM A. FI- FG&HG F@-@ @SC&NN@L &% IBB N-A? KIK&B&DJ @&DG@- NI-DBJ A- @%D&-@BJ ID DG@ HAMD A. DG@ &P %A-J R I%L MCHG FIM DG@ FI%D A. '&P&BI%H@ A- -@MABCD&A% @TG&K&D@L KJ DG@ JVI%D&%@ HAC-D DGID &D FIM MC..@-@L DA @TD@%L &DM -I'IP@M F&DGACD &%D@--CND&A% F&DG&% M&PGD A. DG@ FIBBM A. #A%MDI%D&%ANB@ CD &D C%.A-DC%ID@BJ GIN? N@%@L DGID A% DG@&- -@DC-% DA @P-ANA%D DG@ '@MM@BM A. <@ 1I-H@-A F@-@ A'@-DIO@% A- &%D@-H@ND@L KJ MA3@ A. DG@ H-C&M@-M A. OIB~ABAPCM R %A SCI-D@- FIM P&'@% R DA KCHHI%@@-M &D 3&PGD M@@3 DGID %A%@ FIM LC@ R DG@ P-@ID@- NI-D A. DG@ H-@FM F@-@ 3C-L@-@L &% HABL KBAAL R I%L DG@ -@3I&%L@- F@-@ HA33&DD@L DA DG@ 3@-H&@M A. DG@ @3N@-A- FGA HICM@L DG@3 DA K@ NCD DA I H-C@B L@IDG

G@ %@TD HI3NI&P% FIM MA3@FGID 3A-@ .@-D&B@ &% &%H&? L@%D G@ $@%@D&I% .B@@D A. DFA I%L DG&-DJ MI&B C%L@- DG@ HA33I%L A. 1&BK@-DA <b%LABA @%HAC%D@-@L DG@ 1@%A@M@ A. DG&-DJ %&%@ MD-A%P C%L@- DG@ QA&%D HGI-P@ A.

≠] '7 '5' * >/ :' ' $
Q P ' '7 ', :

‘ , E (‘ 0"2 A1V‘ A3‘ B"$ ‘ E

O&@D-A‘ 1-&3 IBL&‘ I%L‘ O@MHK@DDA‘ IBBA%@‘ A..‘ @DD@‘ OAVV&‘ &%‘ DG@‘ A-@IR‘ DG@‘ HA%D@MD‘ FIM‘ .&@-H@‘ I%L‘ D@--&KB@‘Q DG@‘ IL'I%DIP@‘ A.‘%C3K@-M‘ FIM‘A%‘ DG@‘M&L@‘A.‘DG@‘BIDD@-R‘ I%L‘ IBDGACPG‘ DG@‘$@%@D&I%M‘ 3&PGD‘ HA3N@%MID@‘ DA‘ MA3@‘@TD@%D‘ .A-‘ DG@&-‘ FI%D‘ A.‘ MD-@%PDG‘ KJ‘DG@‘ 'IBAC-‘ I%L‘ L@D@-3&%I‘ D&AA&‘ F&DG‘FG&HG DG@J‘O@ND‘DG@&-‘P-AC%L‘DG@‘ '&HDA-J‘MAA%‘ &%HB&%@L‘ DA‘ DG@‘ .A@‘ A‘ P-I'@BJ‘ C%H@-DI&%‘ &%L@@L‘ L&L‘ DG@‘ -@&MCBD‘ INN@I-‘DGID‘ <b%LABA‘K@PI%‘DA‘ ?‘C%@IMJ‘ I%L‘DA‘HA%D@3NBID@‘DG@‘&MMC@‘DA‘G&M‘A..&H@-M‘A.‘I%‘A-L@-‘ .A-‘ I‘ P@%@-IB‘ -@D-@ID‘ ..I&-M‘ FA-@‘ DG&M‘ A3&%ACM‘ I%L‘ C%N-A3&M&%P‘IMN@HD‘FG@%‘.&'@ I%L DF@%DJ‘A.‘DG@‘@%@3JUM‘ '@MM@BM‘F@-@‘MCLL@%BJ‘AKM@-'@L‘DA‘SC&D‘DG@&-‘HA3NI%&A%M‘ I%L‘DA‘K@I-‘A..‘&%‘ I%ADG@-‘L&-@HD&A%‘DG@&-‘HINDI&%M‘M@@3? &%P‘DA‘K@‘C%L@-‘DG@‘&%.BC@%H@‘A.‘I%‘&3N-@MM&A%‘DGID‘IBB‘ FIM‘A'@-‘I%L‘DGID‘DG@‘$@%@D&I%M‘F@-@‘DAA‘3CHG‘L&M? HA3.&D@L‘DA‘-@%@F‘DG@‘HA3KID‘ G@‘@..@HD‘A.‘DG&M‘MD-I%P@‘ I%L‘C%IHHAC%DIKB@‘N-AH@@L&%P‘CNA%‘DG@‘3&%L‘A.‘<b%LABA‘ FIM‘@B@HD-&HIBR‘DG@‘-IBBJ&%P‘FA-L‘FIM‘&%MDI%DBJ‘P&'@%‘I%L‘ AK@J@LR‘ %AD‘ I‘ 3A3@%D‘ FIM‘ FIMD@L‘ &%‘ @TN-@MM&A%M‘ A.‘ IMDA%&MG3@%DR‘ I%L‘DG@‘N-A3ND&DCL@‘A.‘DG@‘IL3&-IB‘HA3? K&%@L‘F&DG‘DG@‘G@-A&H‘@T@-D&A%M‘A.‘DGAM@‘C%L@-‘G&3‘-@? D-&@'@L‘DG@‘.A-DC%@‘A.‘DG@‘LIJ‘ "A-‘DG&%%@L‘&%‘%C3K@-M‘ I%L‘DIO@%‘HA3NB@D@BJ‘KJ‘MC-N-&M@‘DG@&-‘BID@‘HA%SC@-A-M‘ F@-@‘C%IKB@‘DA‘A..@-‘I‘N-AD-IHD@L‘-@M&MDI%H@‘DA‘DG@‘.A-H@M‘ A.‘DG@‘-@NCKB&HR‘ I%L‘I.D@-‘I‘MGA-D‘DGACPG‘AKMD&%ID@‘ MD-CPPB@‘DG@J‘F@-@‘HA3N@BB@L‘DA‘-@D-@ID‘F&DG‘DG@‘BAMM‘A.‘ .AC-‘'@MM@BM‘ACD‘A.‘.AC-D@@%‘I%L‘A.‘A%@‘A.‘DG@‘IL3&-IBM‘ O&@D-A‘1-&3IBL&‘FGA‘.@B&%‘DG@‘G@ID‘A.‘DG@‘IHD&A%‘ G@

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E ‘ ‘ ‘ ! ‘ ‘ 1

D@%‘ -@3I&%&%P‘PIBB@JM‘DAAO‘MG@BD@-‘&%‘DG@‘NA-D‘A.‘ IB'IM&I‘ DG@‘ 3AL@3‘ !N&LIC-CM

*%‘ DG@‘ KIDDB@‘ A.‘ @DD@ OAVV&‘DG@‘ 1@%A@M@‘ @MD&3ID@L‘ DGID‘DG@J‘GIL‘BAMD‘IKACD‘A%@‘DGACMI%L‘ 3@%‘M&T‘GC%L-@L‘ &%‘ O&BB@L‘ DG@‘ -@MD‘ &%‘ N-&MA%@-MR‘ DG@‘ '&HDA-M‘ DG@3M@B'@M‘ IHHA-L&%P‘DA‘DG@‘HIBHCBID&A%‘FG&HG‘FIM‘-&QIL@‘ID‘DG@‘D&3@‘ F@-@‘ MC..@-@-M‘ DA‘ DG@‘ @TD@%D‘ A.‘ DF@%DJ‘ O&BB@L‘ I%L‘ .AC-‘ GC%L-@L‘FAC%L@L‘ G@‘%C3K@-‘A.‘$@%@D&I%M‘FGA‘.@B‘ &%DA‘DG@‘GI%LM‘A.‘DG@‘@%@3J‘GIM‘%AD‘@A3@‘LAF%‘DA‘CM‘

CD‘&D‘FIM‘N-AKIKBJ‘HA%M&L@-IKB@‘ %L‘IM‘&D‘GINN@%@L‘ DGID‘M@'@-IB‘GC%L-@+L‘1@%A@M@‘FGA‘GIL‘K@@%‘DIO@%‘LC-&%P‘ DG@‘FI-‘F@-@‘MD&BB‘BI%PC&MG&%P‘&%‘DG@‘LC%P@A%M‘A.‘DG@‘ LCHIB‘NIBIH@‘DG@‘G@ILM‘A.‘M@'@-IB‘-@B&P&ACM‘GACM@M‘&%‘ $@%&H@‘I%L‘@BM@FG@-@‘%AF‘HI3@‘.A-FI-L‘DA‘@T@-D‘DG@&-‘ &%.BC@%H@‘DAFI-L‘AKDI&%&%P‘I%‘@THGI%P@‘A.‘N-&MA%@-M‘

G@&-‘HBI&3‘&%‘FGID@'@-‘.A-3‘&D‘3&PGD‘GI'@‘K@@%‘N-@? .@--@L‘3@D‘F&DG‘I‘.I'AC-IKB@‘G@I-&%PR‘DG@‘L@M&-@L‘AKQ@HD‘ FIM‘IHG&@'@LR‘I%L‘DG@‘HIND&'@M‘F@-@‘MC..@-@L‘DA‘-@DC-%‘ DA‘DG@&-‘-@MN@HD&'@‘GA3@M

CD‘DG@‘'&HDA-J‘A.‘@DD@‘OAVV&‘FIM‘%AD‘A%@‘A%‘FG&HG‘ DG@‘&P%A-J‘FIM‘IKB@‘@'@%‘GIL‘MG@‘K@@%‘F&BB&%P‘DA‘ -@NAM@‘"A-‘MA‘M@'@-@BJ‘F@-@‘DG@‘1@%A@M@‘&--&DID@L‘KJ‘ DG@&-‘L@.@ID‘DGID‘&D‘FIM‘3IL%@MM‘DA‘DG&%O‘A.‘B@I'&%P‘DG@‘ 3@-HGI%D‘M@-'&H@‘A.‘DG@‘-@NCKB&H‘F&DGACD‘IL@SCID@‘I%L‘ HA%MDI%D‘N-AD@HD&A%R‘I%L‘IM‘&.‘I%JDG&%P‘F@-@‘FI%D&%P‘DA‘ -@%L@-‘DG@‘3CDCIB‘I%&3AM&DJ‘3A-@‘'&AB@%D‘I%L‘K&DD@-‘&D‘ INN@I-M‘DGID‘I‘%@F‘P-AC%L‘A.‘SCI--@B‘GIL‘BID@BJ‘I-&M@%‘ &%‘DG@‘M@&VC-@‘A.‘.AC-‘$@%@D&I%‘MDA-@MG&NM‘KJ‘DG@‘@%@3JM‘ H-C&M@-M‘%@I-‘IB'IM&I

*%‘ DG@‘ MI3@‘J@I-‘DG@‘ @L&D@--I%@I%‘MSCIL-A%‘FIM‘ -I&M@L‘.-A3‘DG&-DJ DFA‘DA‘.A-DJ.&'@‘MI&BR‘I%L‘1&BK@-DA

(%(' ' ' ! ' ' , E

5@I%'LU H-@'C%L@-'DG@'HGI-P@' O 'B '3I% A. FI-' HA33I%L@L' KJ' &HG@B@' <A-AR' DG@' MB&PGD' %IDC-@' A.' DG@' N-AD@HD&A%' I..A-L@L' DA' DG@' HA%'AJ'N-AH@@L@L'&%' IBB'N-AKI? K&B&DJ'.-A3'DG@'K@B&@.'DGID' I-AVV&'&.'G@'GIL'%AD' IB-@ILJ' L@.@ID@L' 1-&BBA' FIM' ID' B@IMD' O@@N&%P'G&-IU&%' HG@HO'R I%L' H@-DI&%BJ' DG@' $@%@D&I%' PA'@-%3@%D' GIL' %A' P-AC%L' .A-' MCNNAM&%P'DGID'DG@&-' IL3&-IB' FACBL' IBBAF'G&3M@B.' DA' K@' HICPGD' MA' HA3NB@D@BJ' &%' I' M%I-@' G@' 1@%A@M@' HA3? 3I%L@-'GI'&%P'IMH@-DI&%@L'DGID'G&M' IL'@-MI-J' FIM' K@JA%L' -@IHG'MG&.D@L' G&M' HAC-M@'I%L' KA-@' MF&.DBJ' LAF%' A%' G&M' &%D@%L@L' N-@J'A.' FGAM@' @'@-J' 3A'@3@%D' G@' GIL' DIO@%' HI-@' DA' O@@N' G&3M@B.' @TIHDBJ' &%.A-3@L' CD' &D' .A-DC? %ID@BJ' GINN@%@L' DGID' <A-A' KIL'-@H@&'@L' &%.A-3ID&A%' A.' DG@' LI%P@-' FG&HG' DG-@ID@%@L' &%' MC..&H&@%D' D&3@' DA' DIO@' N-AN@-' 3@IMC-@M' A.' N-@HICD&A%'R I%L' GI'&%P' F&DG' IL? 3&-IKB@' N-@M@%H@' A.' 3&%L' D-I%M.@--@L' DG@' 3A-@' N-@H&ACM' I%L' NA-DIKB@' NA-D&A%' A.' DG@' 3@-HGI%L&M@' C%L@-' G&M' HI-@' DA' DG@' HINIH&ACM' GABL' A.' G&M' AF%' .BIP MG&N' DGID' A..&H@-' IKI%LA%@L' DG@' D-IL@-M'I%L' M@D' IBB' MI&B' .A-' ;IPCMI'FG&HG' G@' GIL' DG@' PAAL' .A-DC%@' DA' -@IHG' &%' MI.@DJ' "-A3' DG@' -@NA-DM' K-ACPGD' DA' G&3' 1-&BBA' FIM' %IDC-IBBJ' B@L' DA' @TN@HD' I'BI-P@' I%L' 'IBCIKB@' KAADJ'I%L' &D' 3IJ' K@' &3IP&%@L'DGID' G@' FIM' %AD' MB&PGDBJ' L&MINNA&%D@L' DA' .&%L' &%' G&M' %@F' N-&V@M' B&DDB@' K@JA%L' DG@' -@.CM@' A.' DG@&-' .A-3@-' HI-PA@M' GID? @'@-' L@P-@@' A.' '@TID&A%' DG@' 1@%A@M@' HA33I%L@-' 3&PGD' .@@B' G@' FIM' MAA%' -ACM@L' .-A3' G&M' -@.B@HD&A%M' KJ' DG@' &%D@BB&? P@%H@' DGID' DG@' @%@3J' FIM' IPI&%' A%' G&M' D-IHOR' I%L' IM' &%' DG@' .&-MD' NBIH@' G@' FIM' %AD' L&MNAM@L' DA' GIVI-L' L@N@%L@%H@' A%' DG@' MI3@' MD-IDIP@3' FG&HG' GIL' MCHH@@L@L' MA' F@BB' I%L' MA' C%@TN@HD@LBJ' &%' DG@' N-@'&ACM' &%MDI%H@' I%L' M@HA%LBJ

‘ ,E (‘ 0"2 A1V‘ A3‘ B"$ ‘ E E

G@‘ FIM‘ .I-‘ .-A3‘ I%T&ACM‘ DA‘ -&MO‘ I%‘ @%PIP@3@%D‘ 1-&BBA‘ .A-3@L‘DG@‘ -@MABCD&A%‘ A.‘ 3IO&%P‘ ID‘ A%H@‘ .A-‘ DG@‘ ;&'&@-I‘ I-AVV&‘A%‘ G&M‘NI-D‘GI'&%P‘MF@ND‘DG@‘FGAB@‘B&%@‘A.‘HAIMD‘ I%L‘ 3@@D&%P‘F&DG‘ %A‘ M&P%‘ A.‘ I%‘ @%@3J‘GIL‘ %A‘ HAC-M@‘ B@.D‘KCD‘DA‘ -@D-IH@‘ G&M‘ MD@NMR‘ &D‘ FIM‘ %AD‘ D&BB‘ G@‘ -@IHG@L‘ DG@‘ &H&B&I%‘FID@-M‘DGID‘G@‘FIM‘INN-&M@L‘A.‘DG@‘M@&VC-@‘A.‘ DG@‘HA%'AJ‘I%L‘A.‘DG@‘@MHIN@‘A.‘<A-A‘I%L‘DGID‘G@‘MIF‘DA‘ DG@‘ .CBB‘ @TD@%D‘ DG@‘ @--A-‘ FG&HG‘ G@‘ GIL‘ HA33&DD@L‘ IM‘ F@BB‘ IM‘DG@‘ 3I%%@-‘&%‘FG&HG‘G@‘GIL‘K@@%‘LCN@L‘KJ‘G&M‘ I%DIPA%&MD‘ C-@BJ‘G@‘GIL‘I3NB@‘P-AC%L‘.A-‘.@@B&%P‘L&M? MID&M.&@L‘F&DG‘G&3M@B.R‘I%L‘G@‘3&PGD‘N@-GINM‘K@‘IB-@ILJ‘ GIC%D@L‘KJ‘DG@‘HA%MH&ACM%@MM‘DGID‘DG@-@‘F@-@‘ADG@-M‘ID‘ GA3@‘FGA‘FG@%‘DG@‘AN@-ID&A%M‘A.‘DG@‘BID@‘HI3NI&P%‘ HI3@‘DA‘K@‘HI%'IMM@L‘&%‘DG@‘ @P&MBIDC-@‘FACBL‘%AD‘K@‘ DAA‘.-&@%LBJ‘&%‘DG@&-‘H-&D&H&M3‘ *.‘I%J‘ANNA-DC%&DJ‘GIL‘ @T&MD@L‘A.‘-@D-&@'&%P‘G&M‘.A-DC%@‘I%L‘NIBB&ID&%P‘G&M‘.ICBD‘ &D‘%AF‘@T&MD@L‘%A‘BA%P@-R 1-&BBA‘FIM‘PA%@R DG@‘F&%D@-‘ FIM‘M@DD&IP‘&%‘.IMDR I%L‘IM‘%A‘AKQ@HD‘HACBL‘K@‘PI&%@L‘KJ‘ -@3I&%&%P‘&%‘G&M‘N-@M@%D‘NAM&D&A%‘ I-AVV&‘NC-MC@L‘G&M‘ 'AJIP@‘L&-@HD‘DA‘$@%&H@‘FG@-@‘&D‘3IJ‘K@‘MI.@BJ‘HA%? Q@HDC-@L‘DGID‘G&M‘HA%LCHD‘3@D‘&DM‘.I&-‘MGI-@‘A.‘H@%MC-@‘ .-A3‘DG@‘LCHIB‘PA'@-%3@%D

GCM‘D@-3&%ID@L‘DG@‘HI3NI&P%‘A.‘ ,E‘FG&HG‘HI%%AD‘ K@‘MI&L‘DA‘GI'@UK@@%‘L&MD&%PC&MG@L‘KJ‘I%J‘.@IDC-@‘A.‘&3? NA-DI%H@‘I%L‘FG&HG‘FIM‘C%N-ALCHD&'@‘A.‘I%J‘&%H&L@%D‘ FG&HG‘3&PGD‘GI'@‘GIL‘DG@‘K@%@.&H&IB‘@..@HD‘A.‘K-&%P&%P‘ DG@‘K@BB&P@-@%D‘OAF@-M‘DA‘D@-3M

CD‘DG@‘P-@ID‘I%L‘L@H&M&'@‘KBAF‘FIM‘MAA%‘IKACD‘DA‘K@‘ MD-IHO‘ !I-BJ‘&%‘ ,‘N-@H&M@‘I%L‘N@-@3NDA-J‘&%MD-CH? D&A%M‘F@-@‘M@%D‘KJ‘DG@‘$@%@D&I%‘!T@HCD&'@‘DA‘DG@‘PA'@-%A-M

E ‘ ‘ ‘ ! ‘ ‘ ’H

ID‘ >I-I‘ #I%L I‘ I%L‘ @P-ANA%D‘DA‘DIO@‘ &3 3@L&ID@‘ MD@NM‘ DAFI-L‘ .C-%&MG&%P‘ HA%D&%P@%DM‘ .A-‘DG@‘ INN-AIHG&%P‘ F I-R I%L‘ MGA-DBJ‘ I.D@-FI-LM‘ DG@‘ -@NCKB&H‘ N-@NI-@L‘DA‘ -@MC3@‘ DG@‘A..@%M&'@‘ I-AVV&‘ FGAM@‘ BID@‘ HA%LCHD‘ GIL‘ @TH&D@L‘ P@%@-IB‘ L&MMID&M.IHD&A%‘ I%L‘ FGA‘ KJ‘ G&M‘ FI%D‘ A.‘QCLP? 3@%D‘ &%‘ MC..@-&%P‘ DG@‘ 1@%A@M@‘ DA‘ @MHIN@‘ DG-ACPG‘ G&M‘ GI%LM‘ GbL‘ L-IF%‘ A%‘ G&3M@B.‘DG@‘N@-MA%IB‘ L&MNB@IMC-@‘A.‘ >@%A‘ FIM‘%AD‘N@-3&DD@L‘DA‘-@DI&%‘DG@‘NAMD‘A.‘HA3 3I%L@-‘ &% HG&@.‘R G&M‘ NBI@@‘ FIM‘ MCNNB&@L‘ KJ‘ 1&IHA3A‘ <b%LABA‘ I‘ %I'IB‘ A..&H@-‘A.‘HA%M&L@-IKB@‘ @TN@-&@%H@‘ FGA‘ INN@I-M‘ DA‘ GI'@‘K@@%‘-@HA3 3@%L@L‘DA‘%AD&H@‘KJ‘G&M‘&%D&3ID@‘O%AF? B@LP@‘A.‘DG@‘HAIMDM‘A.‘DG@‘ @L&D@--I%@I%

<b%LABA‘MI&B@L‘.-A3‘ $@%&H@‘ F&DG‘ %AD‘ 3A-@‘ DGI%‘ .AC-‘ PIBB@JM‘&%‘HA3 NI%JKCD‘G@‘FIM‘-@&%.A-H@L‘%@I-‘>I-I‘KJ‘ DG-@@‘ ADG@-M‘ FG&HG‘ GIL‘ K@@%‘ M@%D‘KJ‘DG@‘ HABA%J‘IM‘G@-‘ HA%D&%P@%DR‘ I%‘ @SCIB‘ %C3K@-‘QA&%@L‘ G&3‘MGA-DBJ‘I.D@-? FI-LM‘.-A3‘ #I%L I‘C%L@-‘DG@‘HA33I%L‘A.‘O&@D-A‘ _C&‘ -&%&R+‘I%L‘K@.A-@‘DG@‘.B@@D‘-@IHG@L‘;IPCMI‘&D‘GI`‘-@H@&'@L‘ I‘.I-DG@-‘IHH@MM&A%‘A.‘MD-@%PDG‘.-A3‘DG@‘I--&'IB‘A.‘ I-HA‘ >@%A‘DG@‘LAP@UM‘K-ADG@-‘F&DG‘.AC-‘PIBB@JM‘FG&HG‘&%‘AK@? L&@%H@‘DA‘G&M‘ @-@%&DJUM‘&%MD-CHD&A%M‘DG@‘ I&BA‘A.‘ @P-ANA%D‘ GIL‘HICM@L‘DA‘K@‘-I&M@L‘I%L‘@SC&NN@L‘ :I'&%P‘-@IHG@L‘ DG@‘IKA'@ 3@%D&A%@L‘NA&%D‘DG@‘IL3&-IB‘@..@HD@L‘I‘QC%H? D&A%‘F&DG‘ I-HA‘1-IL@%&PA‘@T PA'@-%A-‘A.‘DG@‘$@%@D&I%‘ .IHDA-J‘ID‘#A%MDI%D&%ANB@‘FGA‘FIM‘IFI&D&%P‘G&M‘I--&'IB‘ DG@-@‘F&DG‘I‘NAF@-.CB‘L@DIHG3@%D‘A.‘D@%‘ 3@% A. FI-R I%L‘DG@‘FGAB@‘MSCIL-A%‘FG&HG‘FIM‘DGCM‘-I&M@L‘DA‘M&T‘ I%L DF@%DJ‘MI&B‘DG@%‘MGIN@L‘&DM‘HAC-M@‘.A-‘DG@‘HAIMD‘A.‘ &H&BJ‘ *D‘FIM‘K@DF@@%‘ -INI%&‘ I%L‘ $IB‘ L&+ IVI-I+ ‡ G] ‘7 ‘E$*‘>/ :‘ ‘ $ Q 9 ‘7 ‘*‘] m:

‘ = $ @ [‘ 0"2 A1V‘ A3‘ B"$ ‘ >

P-AC%L‘ IB-@ILJ‘ -@%L@-@L‘ .I3ACM‘ KJ‘ DG@‘ P-@ID‘ '&HDA-J‘ A.‘ 1&A'I%%&‘ -@'&MI%A‘ &%‘ ‘ DGID‘ <I%LABA‘ @%HAC%D@-@L‘ DG@‘ 1@%A@M@‘ I-3I3@%D‘ A.‘ DF@%DJ @&PGD‘ PIBB@JM‘ C%L@-‘ I%.-I%HA‘ I&KA-&%A‘ G@‘ HA3KID‘ DA‘ FG&HG‘ ABL‘ -@HAB? B@HD&A%M‘ 3&PGD‘ B@%L‘ I‘ H@-DI&%‘ L@P-@@‘ A.‘ &%MN&-ID&A%‘ FIM‘ .&@-H@‘ KCD‘ MGA-D R QD‘ D@-3&%ID@L‘ %ADF&DGMDI%L&%P‘ DG@‘ L&M? IL'I%DIP@M‘ C%L@-‘ FG&HG‘ DG@J‘ .ACPGD‘ &%‘ I‘ M&P%IB‘ D-&C3NG‘ A%‘ DG@‘ NI-D‘ A.‘ DG@‘ $@%@D&I%MR‘ DG@‘ @%@3J‘ MCMDI&%@L‘ I‘ BAMM‘ A.‘ A%@‘ DGACMI%L‘ M@'@%‘ GC%L-@L‘ I%L‘ DGGDJ‘ 3@%‘ M&T‘ GC%L-@L‘ A.‘ FGA3‘ F@-@‘ &%‘ N-&MA%@-M‘ G&M‘ '&HDA-J‘ -@? .B@HD@L‘ N@HCB&I-‘ GA%AC-‘ A%‘ <I%LABA‘ I%L‘ DGAM@‘ FGA‘ GIL‘ M@-'@L‘ C%L@-‘ G&3‘ LC-&%P‘ DG@‘ IHD&A%‘ "A-‘ %AD‘ A%BJ‘ F@-@‘ DG@‘ 1@%A@M@‘ MCN@-&A-‘ &%‘ %C3@-&HIB‘ .A-H@‘ KCD‘ DG@‘ F&%L‘ FG&HG‘ FIM‘ &%‘ DG@&-‘ .I'AC-‘ KB@F‘ DG@‘ FGAB@‘ D&3@‘ MA‘ MD-A%PBJ‘ &%‘ DGW‘ .IH@M‘ A.‘ DG@‘ &MBI%L@-M‘ DGID‘ DG@‘ BIDD@-‘ F@-@‘ HA3? N@BB@L‘ DA‘ .3B‘ DG@&-‘ MI&BM‘ I%L‘ DA‘ HA%.&%@‘ DG@3M@B'@M‘ DA‘ DG@‘ CM@‘ A.‘ DG@&-‘ AI-M+‘ G@‘ $@%@D&I%‘ IL3&-IB‘ -@3I&%@L‘ ID‘ -INI% @&PGD‘ LIJM‘ DA‘ P&'@‘ G&M‘ D-AANM‘ -@MD‘ I%L‘ DA‘ HA3? NB@D@‘ G&M‘ I& I%P@3@%DM R A%‘ DG@‘ @TN&-ID&A%‘ A.‘ DGID‘ N@-&AL‘ G@‘ -@DC-%@L‘ DA‘ -@H@&'@‘ DG@‘ HA%P-IDCBID&A%M‘ A.‘ G&M‘ N-&%H@‘ I%L‘ G&M‘ .@BBAF H&D&V@%M‘ G@‘ MCHH@MM‘ FG&HG‘ GIL‘ FI&D@L‘ A%‘ DG@‘ I-3M‘ A.‘ DG@‘ -@NCKB&H‘ I..A-L@L‘ &%L@@L‘ DG@‘ G&PG@MD‘ MID&M.IHD&A%‘ DA‘ IBB‘ HBIMM@M‘ A.‘ $@%@D&I%‘ MAH&@DJ R DG@‘ -@H@N? D&A%‘ A.‘ DG@‘ .B@@D‘ I%L‘ &DM‘ PIBBI%D‘ HA33I%L@-‘ FIM‘ HA--@? MNA%L&%PBJ‘ FI-3‘ I%L‘ @%DGCM&IMD&H R I%L‘ I‘ MAB@3%‘ 3IMM‘ I%L‘ DGI%OMP&'&%P‘ F@-@‘ A..@-@L‘ IM‘ I‘ P-ID@.CB‘ D@MD&3A%J‘ A.‘ DG@‘ M&%PCBI-‘ P-IH@‘ FG&HG‘ :@I'@%‘ GIL‘ MGAF%‘ DA‘ DG@ HGAM@%‘ N@ANB@‘ A.‘ I&%D‘ I-O

Q 2 ‘ 9 ‘ 7 , ‘ * ‘ < :Y‘ ‘)) $ ‘ $ ‘ ‘ * ‘ >@=:‘ Y‘ ‘ $ ‘ ‘ * %$

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G@KIDDB@A. -INI%&FIMIDD@%L@LKJDG@3AMD&3NA-D?
I%D-@MCBDM G@!3N@-A-OIBI@ABAPCMFGAGILHAC%D@L
A%I'@-JL&..@-@%D&MMC@-@H@&'@LDG@&%D@BB&P@%H@A.DG@
'&HDA-JA.1&IHA-IA<I%LA*AF&DGI.@@B&%PA.N-A.AC%LIMDA?
%&MG3@%DRI%LG@IDA%H@MIFDG@%@H@MM&DJA.HGI%P&%P
G&MDA%@I%LNAB&HJDAFI-LDG@-@NCKB&H &%H@G&MIH?
H@MM&A%DADG@DG-A%@LAF%DADG@N-@M@%D&3@DG@1-@@O
N-&%H@GILHA%D&%C@LDA@TG&K&DI3I-O@LNI-D&IB&DJ.A-
DG@1@%A@M@FDGFGA3G@INN@I-MDAGI'@@MDIKB&MG@L
.-&@%LBJ-@BID&A%MHA%M&L@-IKBJK@.A-@G&MCMC-NID&A%A.
DG@&3N@-&IBH-AF%I%LFGAGILBI-P@BJHA%D-&KCD@LDA
DG@MCHH@MMA.DGIDLI-&%PI%L13K&D&ACMN-AQ@HDRI%L
&DFIMG&M.I'AC-I%LP-ID&DCL@FG&HG-@%L@-@LDG@3
M@HC-@&%DG@@THBCM&'@NAMM@MM&A%A.I'MNIH&ACMMCKC-KA.
#A%MDI%D&%ANB@*.G&MIQ@MDJGILHAC-D@LDG@$@%@?
D&I%M&DFIMK@HICM@G@.@I-@LDG@&-NAF@-R&.DG@O&MI%M
&DFIMK@HICM@G@GILH-@IMA%DAINN-@G@%LDG@.A-3ID&A%
A.I GAMD&B@B@IPC@K@DF@@%DG@BIDD@-I%LDG@ &P%A-J
CDDG@MDI-A.1@%AI%AF M@@3@LDAK@A%DG@L@HB&%@
%@L&MIMD@-P-@IDI%L'M&P%IB&%L@@LJ@DIMMC-@LBJ%@&DG@-
P-@ID@-%A-3A-@M&P%IBDGI%3I%J FG&HG MG@GILH@TN@?
-&@%H@L&%J@I-MNIMD F@IO@%@LDG@.I&DGA.OIBI@ABAPCM
&%I% ABLI%LMD@ILJIBBJR I%L$@%&H@'&HDA-&ACM&DK@PI%
DAK@.A-H&KBJINNI-@%D FIMDG@OAF@- FGAM@.-&@%LMG&N
&DFIM3AMDG&M&%D@-@MDDAHCBD&'ID@I%LFGAM@@%3&DJ
G@GILHG&@.HICM@DAL-@IL %L@-MCHGH&-HC3MDI%H@M
DG@@3N@-A-FIM%ADBA%P&%HA3&%PDAI'L@D@-3&%ID&A%
DAIKI%LA%G&M.A-3@-.I'AC-&D@M I%LDA3IO@NIH&.&H
A'@-DC-@MDADG@-@NCKB&H *%M@B@HD&%PI%&%MD-C3@%DDA
HI--JG&M%@F])A.-3@LNC-NAM@&%DA@..@HDOIB3ABAPCM

(' , (0"2 A1V A3 B"$ E /

L&MNBIJ@L M&%PCBI-QCLP3@%D I%L DIHD ' : @ .&T@L IM G&M I3?
KIMMILA- DA >@%A A% --&PA O-@ '&MI%A I $@%@D&I% A. -I%O
FGA .-A3 MA3@ HICM@ FG&HG GIM K@@% B@.D C%@TNBI&%@L
GIL K@@% O@ND &% HA%.&%@3@%D .A- MA3@ D&3@ ID #A%MDI%?
D&%ANB@ + I%L B JFGAM@ C%MAB&H&D@L @%BI-P@3@%D G@ GAN@L
DA H-@ID@ I .I'AC-IKB@ &3N-@MM&A% &% I SCI-D@- FG@-@ ID
N-@M@%D &D FIM 3AMD DA K@ L@M&-@L

G@ 3&MM&A% F&DG FG&HG -@'&MI%A FIM HGI-P@L KJ G&M
BID@ PIAB@- INN@I-M DA GI'@ K@@% A. I '@-J M&3NB@ HGI?
-IHD@- R KCD &D FIM C%L@-MDAAL DA K@ MD-&HDBJ HA%.&L@%D&IB
: @ FIM -@SC@MD@L DA CM@ G&M K@MD A..&H@M F&DG DG@ PA'@-%?
3@%D A. G&M HAC%D-J DAFI-L @..@HD&%P I -@HA%H&B&ID&A%
K@DF@@% DG@ BIDD@- I%L DG@ @3N&-@ A. #A%MDI%D&%ANB@R G@
FIM DA HA%'@J DA DG@ LAP@ I MAB@3% I%L @I-%@MD IMMC-I%H@
A. DG@ .-&@%LBJ .@@B&%P FG&HG @T&MD@L &% DG@ 3&%L A.
OIBI@ABAPCM DAFI-L DG@ $@%@D&I% N@A&L@R I%L BIMDBJ G@
FIM DA MAB&H&D >@%A DA IHH-@L&D DA DG@ JVI%D&%@ HAC-D
MA3@ N@-MA% F&DG .CBB NAF@- DA %@PAD&ID@ .A- N@IH@

GID DG@ @%'AJ A. OIBI@ABAPCM MGACBL K@ ADG@-F&M@ DGI%
F@BB -@H@&'@L I3A%P G&M HAC%D-J3@% I.D@- MA BA%P I%
IKM@%H@ FIM %AD DA K@ @TN@HD@LR KCD DG@ N-ANAM&D&A%M
A. FG&HG G@ FIM DG@ K@I-@- F@-@ GI-LBJ MA .I'AC-IKBJ
@%D@-DI&%@L IM DG@ @3N@-A- '&@F&%P DG@ 3IDD@- N@-GINM
&% &DM HA33@-H&IB K@I-&%PM 3&PGD GI'@ K@@% @%HAC-IP@L
DA I%D&H&NID@ + G@ .IHD FIM DGID DG@M@ N-ANAM&D&A%M GIL
&33@L&ID@ -@.@-@%H@ DA I SC@MD&A% A% FG&HG DG@ NCKB&H
3&%L A. $@%&H@ FIM MD&BB 3CHG L&'&L@L GID HAC-M@ A.
NAB&HJ &D FIM K@MD A% DG@ FGAB@ DA .ABBAF &% -@PI-L DA DG@
JVI%D&C @3N&-@ FIM I NA&%D FG&HG MD&BB MA-@BJ NCVVB@L

G $ 8 ' ,

DG@ˢ $@%@D&I%ˢ @P&MBIDC-@ˢ A3@ˢ GILˢ I%ˢ C%L&MPC&M@Lˢ B@I%? &%Pˢ .A-ˢ DG@ˢ ABLˢ LJ%IMDJˢ I%Lˢ F@-@ˢ &3NID&@%Dˢ DAˢ F&D%@MMˢ &DMˢ -@MDA-ID&A%ˢ R ADG@-Mˢ L@HBI-@Lˢ DG@3M@B'@Mˢ .I'AC-IKB@ˢ DAˢ DG@ˢ %@Fˢ A%@ˢ ˢ FG&B@ˢ Iˢ DG&-Lˢ NI-DJˢ K@PI%ˢ DAˢ HI%'IMMˢ I.-@MGˢ DG@ˢ GIB. .A-PADD@%ˢ MHG@3@ˢ A.ˢ O&@D-Aˢ >&I%& .A-ˢ DG@ˢ D-I%M.@-ˢ A.ˢ DG@ˢ M@IDˢ A.ˢ DG@ˢ -@NCKB&Hˢ DAˢ #A%MDI%D&%ANB@ˢ MAˢ IKBJˢ I%Lˢ MAˢ MCHH@MM.CBBJˢ ANNAM@Lˢ Iˢ DG@ˢ D&3@ˢ KJˢ DG@ˢ O-AHC-IDA-ˢ "IB&@-Aˢ ˢ 3IQA-&DJˢ A.ˢ DG@ˢ 3@3K@-Mˢ A.ˢ DG@ˢ 1-@Iˢ #AC%H&Bˢ GAF@'@-ˢ I-PC@Lˢ .I&-BJˢ @%ACPGˢ .-A3ˢ DG@ˢ N-IHD&HIBˢ .I&BC-@ˢ A.ˢ DG@ˢ @GIKIMM&@Mˢ A.ˢ <A-Aˢ I%Lˢ 1&CMD&%&I%&& &%ˢ , ˢ IMˢ F@BBˢ IMˢ .-A3ˢ ADG@-ˢ C%3&MDIO@IKB@ˢ @'&L@%H@Mˢ DGIDˢ A%ˢ DG@ˢ NI-Dˢ A.ˢ DG@ˢ @MD@-%ˢ OAF@-Mˢ P@%@-IBBJˢ DG@-@ˢ FIMˢ @&DG@-ˢ B&DDB@ˢ &%HB&%ID&A%ˢ A-ˢ B&DDB@ˢ IK&B&DJˢ DAˢ HA AN@-ID@ˢ &%ˢ DG@ˢ -@MDA-ID&A%ˢ A.ˢ DG@ˢ #AC-D@%IJˢ B&%@ˢ R DG@Jˢ 3I&%DI&%@Lˢ DGIDˢ FGID@'@-ˢ 3&PGDˢ .-A3ˢ 3AD&'@Mˢ A.ˢ &%D@-@MDˢ A-ˢ PBA-Jˢ K@ˢ DG@ˢ -@IL&%@MMˢ A.ˢ DG@ˢ -@NCKB&Hˢ &%L&'&LCIBBJˢ DAˢ @3KI-Oˢ &%ˢ MCHGˢ I%ˢ @%D@-N-&M@ˢ &Dˢ FIMˢ MG@@-ˢ 3IL%@MMˢ DAˢ DG&%Oˢ A.ˢ MD@33&%Pˢ DG@ˢ HC--@%Dˢ M&%PB@ˢ GI%L@Lˢ R I%Lˢ DG@Jˢ F@-@ˢ D@3ND@Lˢ DAˢ &%SC&-@ˢ FG@DG@-ˢ F@-@ˢ DG@ˢ L@NAM@Lˢ GACM@ˢ -@&%MDID@Lˢ A%ˢ DG@ˢ DG-A%@ˢ &Dˢ FACBLˢ N-A'@ˢ 3A-@ˢ HINIKB@ˢ DGI%ˢ K@.A-@ˢ A.ˢ L@.@%L&%Pˢ &DMˢ AF%ˢ NAMM@MM&A%Mˢ I%Lˢ %ADˢ -@SC&-@ˢ HA%MDI%Dˢ @TD@-%IBˢ MCNNA-D

%ˢ DG@ˢ ADG@-ˢ GI%Lˢ DG@-@ˢ FIMˢ MD& ˢ Iˢ HBIMMˢ A.ˢ MDID@M3@%ˢ &%ˢ DG@ˢ -@NCKB&Hˢ FGAˢ &%ˢ DG@ˢ .IH@ˢ A.ˢ IBBˢ HA%D-I-Jˢ @TN@-&@%H@ˢ .A%LBJˢ HBC%Pˢ DAˢ DG@ˢ HG&3@-&HIBˢ %AD&A%ˢ DGIDˢ KJˢ DG@ˢ -@MHC@ˢ A.ˢ #A%MDI%D&%ANB@ˢ .-A3ˢ DG@ˢ GI%LMˢ A.ˢ DG@ˢ MHG&M3ID&Hˢ 1-@@OMˢ DG@&-ˢ HAC%D-Jˢ FACBLˢ P-@IDBJˢ K@%@.&Dˢ G@-M@B.ˢ KADGˢ &%ˢ Iˢ NAB&D&HIBˢ I%Lˢ HA33@-H&IBˢ -@MN@HDˢ R I%Lˢ DG@Jˢ &%LCBP@Lˢ Iˢ -A3I%D&Hˢ K@B&@.ˢ DGIDˢ &Dˢ FIMˢ DG@ˢ G&PGˢ L@MD&%Jˢ A.ˢ DG@ˢ $@%@D&I%Mˢ D-@IL&%Pˢ &%ˢ DG@ˢ .AADMD@NMˢ A.ˢ NID-&H&I%ˢ ;p3@

<' , (' :* ; ' ' a *#;' E

DA' K@HA3@' DG@' .AC%L@-M' A.' I%' @3NO@' FG&HG' MGACBL' @TD@%L' .-A3' DG@' !CT&%@' DA' DG@' L-&ID&H' *.' N@-MA%M' A.' I' L&..@-@%D' 3AL@' A.' DG&%O&%P' N-AH@@L@L' DA' -@N-@M@%D' DG@' 'IMD' L&..&HCBD&@M' A.' DG@' C%L@-DIO&%P' &%' SC@MD&A%' I-&M&%P' .-A3' DG@' INID&&J' A.' DG@' -@MD' A.' #IDGAB&H' !C-AN@'&.'3@%' A.' 3A-@' HICD&ACM' I%L' B@MM' MI%PC&%@' D@3N@-' AKQ@HD@L' DG@'&3N-@P%IKB@' M&DCID&A%' A.' #A%MDI%D&%ANB@'DG@'-@'&'&%P' @%@-PJ' I%L' '&PAC-' A.' DG@' 1-@@OM'DG@'-@P@%@-ID&A%' A.' DG@' %ID&A%IB' MN&-&D' C%L@-' DG@' &%.BC@%H@' A.' I' K@DD@-' PA'@-%? 3@%D'DG@' N@-MA%IB' DIB@%DM' A.' OIBI@ABAPCM'DG@' L&MA-L@-@L' I%L' N-@HI-&ACM' MDID@' A.' *DIBJ' IKA'@' IBB' N@-GINM' DG@' GC3&B&ID&%P' HA%M@SC@%H@M' A.' L@.@ID' DG@' IL'AHID@M' A.' I' KABL@-' B&%@' A.' NAB&HJ' H@IM@L' %AD' DA' C-P@' DGID' DG@' PBA-J' I%L' IL'I%DIP@' FG&HG' 3CMD' MC-@BJ' IDD@%L' MCHH@MM' FACBL' I3NBJ' -@NIJ' DG@' -&MO' I%L' ACDBIJR' DGID' &D' GIL' @'@-' K@@%' DG@' N-IHD&H@' A.' DG@' $@%@D&I%M' DA' GIVI-L' 3CHG' FG@-@' 3CHG' FIM' DA' K@' FA%' I%L' DGID' DA' NBIJ' I%' &%IHD&'@' NI-D' &%' DG@' N#@M@%D' &%MDI%H@' I%L' &%' MCHG' I' HICM@' FIM' 3AMD' C%FA-DGJ' A.' DG@' %ID&A%IB' HGI-IHD@-' I%L' FACBL' N-A'@' %AD' B@MM' &%QC-&ACM' DA' DG@' %ID&A%IB' &%D@-@MDM

G@' 3A-@' N-CL@%D' HAC%M@BM' GAF+J@-' CBD&3ID@BJ' N-@? 'I&B@L'R' I%L' DG@' %@H@MMI-J' MD@NM' F@-@' ID' A%H@' DIO@%' .A-' AN@%&%P' I' %@PAD&ID&A%' F&DG' OIBI@ABAPCM' G@' @3KIMMJ' IHH-@L&D@L' KJ' >@%A' DA' DG@' JVI%D&%@' HAC-D' HA%M&MD@L' A.' 5IHANA' <@B.&%A' I%L' 5IHANA' #A%DI-&%&' G@' KIM&M' I%L' N-@B&3&%I-&@M' A.' I' D-@IDJ' F@-@' MN@@L&BJ' I--I%P@LR' DG@' M@'@-IB' I-D&HB@M' F@-@' IBMA' IP&U@@L' CNA%' F&DGACD' 3CHG' L&.? .&HCBDJ' DA' DG@' MID&M.IHD&A%' A.' DG@' $@%@D&I%' L&NBA3ID&MDMR' IQ&L' DG@' D-@IDJ' &DM@B.' AKDI&%@L' M&P%IDC-@' A%' DG@' 8DG' A.' 5C%@' , ' G@' -ID&.&HID&A%M' GAF@'@-' F@-@' %AD' DA' K@' **'

@THGI%P@L ‘ C%D&B‘ DG@‘ HA'@-&%P‘ MI%HD&A%‘ A.‘ DG@‘ PA'@-%3@%D‘ A.‘ >@%A‘ GIL‘ K@@%‘ AKDI&%@LR DG&M‘ &3NA-DI%D‘ .A-3IB&DJ‘ &%? 'AB'@L ‘ A.‘ HAC-M@‘%A‘ &%HA%M&L@-IKB@‘ L@BIJR I%L‘ &D‘ H-@ID@L‘ MA3@‘ MC-N-&M@‘ ID‘ #A%MDI%D&%ANB@‘ FG@%‘ &D‘ FIM‘ I%%AC%H@L ‘ DGID‘ DG@‘ LAP@‘ I%L‘ G&M‘ IL'&M@-M‘ L&MINN-A'@L‘ A.‘ DG@‘ N-A? H@@L&%PM A.‘ DG@&-‘ -@N-@M@%DID&'@M‘ FGA‘ GIL‘ %AD‘ DG@J‘ N-@? D@%L@L ‘ IHD@L‘ &%‘ MD-&HD‘ IHHA-LI%H@‘ F&DG‘ DG@&-‘ &%MD-CHD&A%M‘ I%L‘ L@HB&%@L‘ DA‘ -@HAP%&V@‘ DG@‘ &%MD-C3@%D‘ FG&HG‘ &D‘ 3IJ‘ K@‘ .I&-BJ‘ IMMC3@L ‘ IB-@ILJ‘ KA-@‘ DG@‘ M&P%M‘ 3I%CIB‘ A.‘ <@B.&%A‘ I%L‘ G&M‘ IMMAH&ID@‘ G@‘ $@%@D&I%‘ !T@HCD&'@‘ &D‘ FIM‘ %AF‘ 3IL@‘ DA‘ INN@I-‘ GIL‘ %@'@-‘ @%D@-DI&%@L‘ I‘ %AD&A%‘ A.‘ HA%? HBCL&%P‘ I‘ N@-N@DCIB‘ N@IH@‘ MCHG‘ IM‘ DGID‘ DA‘ FG&HG‘ DG@‘ I3KIMMILA-M‘ GIL‘ K@@%‘ B@L‘ DA‘ P&'@‘ DG@&-‘ ILG@M&A%‘ M&3NBJ‘ &%D@%L&%P‘ DA‘ P-I%D‘ I‘ D-CH@‘ .A-‘ I‘ B&3&D@L‘ D@-3‘ A.‘ J@I-M‘ GID‘ L@P-@@‘ A.‘ D-CDG‘ DG@-@‘ 3&PGD‘ K@‘ &%‘ DG@‘ .A-@PA&%P‘ L@HBI-ID&A%‘ DG@‘ AKMHC-&DJ‘ &%‘ FG&HG‘ DG@‘ $@%@D&I%‘ I%%IBM‘ A.‘ DG&M‘ N@-&AL‘ I-@‘ C%.A-DC%ID@BJ‘ &%'AB'@L‘ -@%L@-M‘ &D‘ &3? NAMM&KB@‘ DA‘ L@H&L@‘ CD‘ DG@‘ -@NCKB&H‘ -@3I&%@L‘ .&-3‘ &% G@-‘ -@MABCD&A%‘R OIBI@ABAPCM‘ FIM‘ .A-H@L‘ DA‘ P&'@‘ FIJ‘ I%L‘ &D‘ K@HI3@‘ %@H@MMI-J‘ DA‘ -@HA33@%H@‘ %@PAD&ID&A%M‘ A%‘ I‘ %@F‘ KIM&M‘ "A-‘ DG&M‘ NC-NAM@‘ I-HA‘ @3KA‘ I%L‘ O&@D-A‘ >@%A‘ DG@‘ BIDD@-‘ %AD‘ &3N-AKIKBJ‘ I‘ -@BID&'@‘ A.‘ G&M‘ @-@%&DJ‘ F@-@‘ ID‘ A%H@‘ L@MNIDHG@L‘ DA‘ #A%MDI%D&%ANB@‘ Z , [‘ G@‘ SC@MD&A%‘ FIM‘ %AD‘ .&%IBBJ‘ M@DDB@L‘ %A-‘ F@-@‘ IBB‘ 3&%A-‘ L&..@-? @%H@M‘ ILQCMD@L‘ GAF@'@-‘ F&DGACD‘ @TD-IA-L&%I-J‘ L&..&HCBDJ‘ I%L‘ L@BIJ‘ G@‘ .IHD‘ 3&PGD‘ K@‘ DGID‘ OIBI@ABAPCM‘ I%L‘ G&M‘ 3&%&MD@-M‘ %AD‘ DAA‘ F@BB‘ NB@IM@L‘ F&DG‘ DG@‘ 3I%%@-‘ &% FG&HG‘ DG@J‘ GIL‘ K@@%‘ D-@ID@L‘ KJ‘ DG@‘ &P%A-J‘ I%L‘ F&DG‘ DG@‘ DA%@‘ FG&HG‘ DG@‘ BIDD@-‘ GIL‘ ILAND@L‘ DG-ACPGACD‘ DG@‘ D-I%MIHD&A%‘ &%LCBP@L‘ DG@&-‘ -@M@%D3@%D‘ KJ‘ DG-AF&%P‘ &3

N@L&3@%DM' &%' DG@' FIJ' I%L' -I&M&%P' N@DDJ' AKQ@HD&A%M' D'
IBB' @'@%DM' DG@' D-CH@' DA' FG&HG' DG@' $@%@D&I%' PA'@-%3@%D'
NA&%D@L' IM' DG@' CD3AMD' DGID' &D' FIM' L&MNAM@L' ID' N-@M@%D' DA'
HA%H@L@' FIM' %AD' HA%HBCL@L' F&DG' DG@' IHHA3NI%J&%P' H@-@?
3A%&@M' I%L' .A-3M' D&BB' DG@' 3A%DG' A.'5C%@' ,8' N-@H&M@BJ'
DG-@W' J@I-M' I.D@-' DG@' %C &GHID&A%' A.' DG@' N-@'&ACM' D-@IDJ'
A.' N@IH@' G&M' D-CH@' FIM' -@MD-&HD@L' &%' &DM' LC-ID&A%' &%'
DG@' .&-MD' &%MDI%H@' DA' I' N@-&AL' A.' .&'@' J@I-MR' KCD' &D' FIM'
N-A'&L@L' DGID' &D' 3&PGD' K@' -@%@F@L' A%' DG@' @TN&-ID&A%'
A.' DGID' D@-3' I%L' .-A3' D&3@' DA' D&3@' F&DG' DG@' HA%M@%D' A.'
KADG' HA%D-IHD&%P' NI-D&@M' J' A%@' A.' DG@' I-D&HB@M' $@%@D&I%'
MCKQ@HDM' F@-@' L@HBI-@L' DA' K@' ID' B&K@-DJ' DA' @TNA-D' HA-%'
.-AG&' 1-@@H@' &%' @'@-J' HIM@' FG@-@' DG@' N-.H@' .@BB' K@BAF' GIB.'
I')) ' I' KCMG@B'R FG&B@' KJ' I%ADG@-' DG@' 1@%A@M@' F@-@'
IL3&DD@L' DA' I' .CBB' MGI-@' &%' IBB' DG@' IL'I%DIP@M' -@MCBD&%P'
.-A3' DG@' I-3&MD&H@+' G@' -@3I&%&%P' N-A'&M&A%M' GIL' -@.@-?
@%H@' DA' DG@' H&'&B' I%L' HA33@-H&IB' -&PGDM' A.' DG@' -@NCKB&H'
&%' DG@' &3N@-&IB' LA3&%&A%M' I%L' F@-@' A.' DAA' A-L&%I-J' I'
HGI-IHD@-' DA' %@@L' NI-D&HCBI-' %AD&H@'

M' F@' GI'@' IB-@ILJ' -@3I-O@L' &D' FACBL' K@' I%' IB3AMD'
GAN@B@MM' DIMO' DA' @TNBI&%' &%' I' MID&M.IHDA-J' 3I%%@-' DG@' @T?
D-IA-L&%I-J' L@BIJ' FG&HG' AHHC--@L' &%' DG@' M@DDB@3@%D' A.'DG@'
1-~HA 1@%A@M@' SC@MD&A%' A-' &M' &D' B@MM' L&..&HCBD' DA' MIJRGAF'
&D' GIL' GINN@%@L' DGID' DG@' NAF@-M' A.' <@B.&%A' I%L' #A%DI-&%&'
F@-@' %AD' 3A-@' @TIHDBJ' L@.&%@L' A-' DG@' %IDC-@' A.' DG@&-' 3&M?
M&A%' BI&L' LAF%' &'&DG' P-@ID@-' HB@I-%@MM' GID' &D' N-AH@@L@L'
.-A3' I%' A'@-M&PGD' A%' DG@' NI-D' A.' DG@&-' PA'@-%3@%D' &D' &M'
&%L@@L' GI-L' DA' K@G@'@'R F@' HI%%AD' G@BN' -@PI-L&%P' &D' IM'
.I-' 3A-@' B&O@BJ' DGID' DG@' PA'@-%3@%D' 3&PGD' GI'@' L@M&P%'

G" ' '7 ', :

@LBJ' B@.D' DG@&-' &%MD-CHD&A%M' &%HA3NB@D@' &%' A-L@-' DA' PI&%'
D&3@' DA' 3IO@' I' BIMD' INN@IB' DA' DG@' HAC-DM' A.' @MD@-%'
! 3UAN@' A%' K@GIB.' A.' DG@' #AC-D@%IJM' A.' FGAM@' B&%@' DG@-@'
HI%%AD' K@' 3CHG' LACKD' DGID' I' BI-P@' I%L' &%.BC@%D&IB' KALJ'
&%' DG@' $@%@D&I%' @%ID@' FIM' .-A3' 3A-@' A- B@MM' &%D@-@MD@L'
3AD&'@M' MD&BB' L@M&-ACM' A.' F&D%@MM&%P' DG@' -@MDA-ID&A%' *D'
&M' IBMA' SC&D@' NAMM&KB@' DGID' DG@' L@BIJ' DA' FG&HG' F@' GI'@'
IL'@-D@L' FIM' &%' MA3@' 3@IMC-@' AF&%P' DA' DG@' L&..&HCBDJ'
FG&HG' FIM' @TN@-&@%H@L' &%' L@D@%%&%&%P' FG@DG@-' 1@%AI'
MGACBL' K@' &%'&D@L' DA' M@%L' I%' I3KIMMILA-' DA' DG@' HA%.@-?
@%H@' A.' #A%MDI%D&%ANB@R' DG@' 1-@@O' I%L' $@%@D&I%' PA'@-%?
3@%DM' 3&PGD' N@-GINM' GI'@' K@@%' A.' AN&%&A%' DGID' DGID'
OAF@-' MGACBL' K,' &%HBCL@L' &%' DG@' D-@IDJ' IM' I' HA%D-IHD&%P'
NI-DJ' I%L' DGID' G@-' NB@%&NAD@%D&I-&@M' MGACBL' MCKMH-&K@' DG@'
I-D&HB@M' A.' DG@' D-CH@R' I%L' DG@J' 3&PGD' @'@%' GI'@' DGACPGD'
&D' FA-DG' FG&B@' DA' FIMD@' MA3@' D&3@' &%' DG@' @%L@I'AC-'
DA' K-&%P' DG@' 1@%A@M@' @%ID@' &%DA' DG@&-' AF%' '&@FMR' I%'
@%L@I'AC-' FG&HG' F@' 3IJ' MI.@BJ' QCLP@' .-A3'2&%D@-%IB'
@'&L@%H@' FIM' N@-.@HDBJ' .CD&B@

G@' 1@%A@M@' GAF@'@-' IBDGACPG' DG@J' 3&PGD' KJ' I'
MN@H&IB' MD&NCBID&A%' GI'@' K@@%' IL3&DD@L' DA' I' NI-D&H&NID&A%'
&%' DG@' IL'I%DIP@M' A.' DG@' -@H@%D' MCMN@%M&A%' A.' GAMD&B&D&@M'
F&DGACD' K@HA3&%P' HA%D-IHD&%P' NI-D&@M' F@-@' .I-' .-A3' L&M?
NAM@L' ID' N-@M@%D' DA' -@MDA-@' DG@' MFA-L' DA' DG@' MHIKKI-L'
G@' GC3&B&ID&%P' -@'@-M@' ID' -INI%&' FIM' MD&BB' DAA' '&'&L' &%'
DG@&-' -@HABB@HD&A%' DG@' C%F@BHA3@' MGACD' A.' " (' ' '
MD&BB' -I%P' DAA' BACLBJ' &%' DG@&-' @I-M' DA' IBBAF' DG@3' DA' DG&%O'
A.' N@IH@R' I%L' DG@J' MD&BB' M3I-D@L' I%L' F-&DG@L' C%L@-' I'
O@@%' I%L' N-A.AC%L' M@%M@' A.' DG@' %ID&A%IB' L&MP-IH@' A'
F&N@' ACD' DG@' LI-O' MDI&%' KJ' N-AM@HCD&%P' DG@' FI-' F&DG

&%H-@IM@L+'&PAC- INN@I-@L DG@-@.A-@ DA K@ DG@ A%BJ HAC-M@
FG&HG DG@ OAL@MDm A. 1@%AI I%L G&M IL'&M@-M HACBL %AF
.ABBAF ID IBB HA%M&MD@%DBJ F&DG DG@ GA%AC- I%L D-C@ &%D@?
-@MDM A. DG@ HA33A%F@IBDG I%L MCHG I HAC-M@ DG@J .@BD
3&PGD K@ NC.MC@L F&DG DG@ H@-DI&%DJ A. AKDI&%&%P DG@
G@I-DJ HA%HC--@&5H@ I%L MCNNA-D A. DG@ P-@ID KALJ A. DG@
N@ANB@ "A- DG@-@ F@-@ .@F H&-HC3MDI%H@M &%L@@L C%L@-
FG&HG I FI- F&DG DG@ $@%hD&I%M HACBL K@ ADG@-F&M@ DGI%
NANCBI- ID 1@%AI I%L MCHG I FI- 3&PGD %AD &&%.-@SC@%DBJ
N-@M@%D I% ILL&D&A%IB .@IDC-@ A.-@HA33@%LID&A% IM K@&%P
DG@ 3AMD @..@HDCIB 3@I%M A. HIB3&%P &%D@-%IB L&MA-L@-M *%
DG@ N-@M@%D &%MDI%H@ DG@-@ FIM MHI-H@BJ-AA3 .A- LACKD?
&%P DGID DG@ I%%AC%H@3@%D A. I% &%D@%D&A% DA HI--J A% DG@
MD-CPPB@ DA I MID&M.IHDA-J D@-3&%ID&A% FACBL 3@@D F&DG I
.I'AC-IKB@ -@H@ND&A% R I%L DG@ 1@%A@M@ ICDGA-&D&@M DG@-@?
.A-@ L@H&L@L A% -@MC&3%P DG@ A..@%M&'@ ID DG@ @I-B&@MD
N@-&AL FG&HG 3&PGD K@ N-IHD&HIKB@ I%L DA @%L@I'AC- &%
I %@F SQ&3NI&P% DA -@NI&- DG@ .A-DC%@M A. DG@ -@NCKB&H
MG&NF-@HO@L ID -INI%&

A LF@BB ID B@%PDG A% DG@ AN@-ID&A%M A. DGID HI3NI&P%
FG&HG HG&@.BJ HA%M&MD@L A. I M@-&@M A. .CD&B@ @TN@L&D&A%M I%L
N@DDJ IHDM A. GAMD&B&DJ FACBL GAF@'@- K@ KADG F@I-&MA3@
I%L MCN@-.BCACM IM F@BB IM @TH@@L&%P DG@ B&3&DM A. DG@
N-@M@%D FA-O A3@D&3@M DG@ $@%@D&I%M AKDI&%@L I MGPGD
IL'I%DIP@ A'@- DG@ @%@3J F&DG DG@ HINDC-@ A. I .@F PIB?
B@JM G@ 1@%A@M@ &% DG@&- DC-% AHHIM&A%IBBJ HA%D-&'@L
DA &%D@-H@ND I% C%N-AD@HD@L $@%@D&I% 3@-HGI%D3I% %L
&% A%@ &%MDI%H@ I 1@%A@M@ MSCIL-A% C%L@- BK@-D&%A <A-&I
3IL@ I L@MH@%D A% DG@ &MBI%L A. #I%L&I PI'@ DG@ 3@D-A?
NAB&M DA MIHO I%L N&BBIP@ I%L HI--&@L A.. DG-@@ GC%L-@L

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I%L' .&.DJ' N-&MA%@-M +' ECD' DG@M@' L@MCBDA-J' AN@-ID&A%M' I%L' N&-ID&HIB' @TNBA&DM' F@-@' C%IDD@%L@L' KJ' I%J' -@MCBDM' A.' &3? NA-DI%H@R' DG@J' 3I&%BJ' D@%L@L'DA' .A3@%D' I%L' @3K&DD@-' DG@' &%D@-%ID&A%IB' I%&3AM&DJ ' FG&B@' DG@J' M@-'@L' IM' I%' &BBCMD-I? D&A%' A.' DG@' .-&PGD.CB' @TH@MM@M ' DA' FG&HG'DG@' DFA' 3AMD' @%B&PGD@%@L' I%L' G&PGBJ' H&'&B&V@L' %ID&A%M' A.' !C-AN@' F@-@' GC--&@L' KJ' DG@' .A-H@' A.'Q@IBACMJ' I%L' N-&L@ ' I%L' FG&HG' DG@' ADG@-' @MD@-%' OAFA-M' 'I&%BJ' @MMIJ@L' DA' D@-3&%ID@' KJ' DG@&-' &%D@-'@%D&A%

@D 'K@.A-@' F@' SC&D' DG&M' K-I%HG' A.'DG@' MCKQ@HD ' F@' 3CMD' ILL' A%@' -@3I-O ' G@' -@IL@-' 'FGA'GIM' N@-CM@L'DG@' .A-@PA? &%P' NIP@M' F&DG' I%J' L@P-@@' A.' IDD@%D&A% ' @I%' MHI-@@BJ' GI'@' .I&B@L' DA' K@' MD-CHO' KJ' DG@' FA%L@-.CB' '&DIB&DJ' A.' 1@%AI ' I%L' DG@' IB&O@' MC-N-&M&%P' -@MAC-H@M' A.' G@-' P-@ID' I%DIPA? %&MD ' G@' INNI-@%D' .IH&B&DJ '+F&DG' FG&HG' DFA' M3IBB' DID@M ' IB3AMD' @SCIBBJ' &%HA%M&L@-IKB@' &%' NA&%D' A.' D@--&DA-J' I%L' NANCBID&A%' GIL' LC-&%P' DG@' FI-' .&DD@L' ACD' .B@@D' I.D@-' .B@@D ' I%L' A%@' @TN@L&D&A%' I.D@-' I%ADG@-' 3CMD' GI'@' I-DA%&MG@L' OIB~ABAPCM' I%L' G&M' 3&%&MD@-M' GI-LBJ' B@MM' DG I%' DG@' FI-B&O@' N@IMI%D-J' A.'#GI3NIP%@' I%L' DG@' ABL' HAC-D&@-M' A.' AC&M'*7

*%' AC-' F&MG' DA' N-@M@%D ' &%' A%@' HA3N-@G@%M&'@' '&@F 'DG@' .A-@&P%' NAB&HJ' I%L' -@BID&A%M' A.'DG@' $@%@D&I%' -@NCKB&H' LC-&%P' DG@' -@&P%' A.' ; @%&@-A' >@%A ' F@' GI'@' %@H@MMI-&BJ' A'@-BAAO@L' A-' I%D&H&NID@L' 3I%J' @'@%DM' A.' &3NA-DI%H@ ' FG&HG' GIL' DIO@%' NBIH@' LC-&%P' DG@' MI3@' N@-&AL' &%' DG@' *DIB&I%' N@%&%? MCBI'R I%L' &D' %AF' DG@-@.A-@' K@HA3@M' AC-' LCDJ' DA' -@MC3@' DG@' G&MDA-&HIB' DG-@IL ' FG&HG' F@' GIL' L-ANN@L' ID' DG@' L@? 3&M@' A.' G&M' N-@L@H@MMA-' DG@' <AP@' A-AM&%&' A-AM&%&'

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&D' 3IJ' K@' -@3@3K@-@L' L&@L' &%' DG@' 3A%DG' A.' 5I%CI-J'
' DGCM' MC-'&'&%P' KJ' CNFI-L' A.' I' DF@B'@3A%DG' DG@'
!3N@-A-' "-@L@-&H' ** ' FGA' GIL' K-@IDG@L' G&M' BIMD' ID' "@'
V-@%D&%A' &%' DG@' #IN&DI%ID@' A%' DG@' EDG' <@H@3K@-' '
DG@' '&HD&3' A.' $AC%L@L' N-&L@' I%L' DGFI-D@L' I3K&D&A%'
&DG IBB' G&M' '&H+M' I%L' .ICBDM = I%L' DG@J' F@-@' H@-DI&%BJ'
%AD' I' .@F = "-@L@-&H' FIM' K@JA%L' LACKD' I' P-@ID' 3I%'
I%L' I' P-@ID' N-&%H@' B&&M' .@BBAF HAC%D-J3@%' FGAM@' '@%@?
-ID&A%' .A-' G&M' HGI-IHD@-' I%L' %I3@' NI-DAAO' BI-P@BJ' A.' DG@'
%IDC-@' A.' &LABID-J' -@H@&'@L' DG@' .&-MD' -C3AC-M' A.' K&M' L@IDG'
F&DG' I%' &%H-@LCBACM' M3&B@R' DG@' ICDG@%D&HID&A%' A.' DG@' MIL'
&%D@BB&P@%H@' L-@F' I' M&PG' .-A3' DG@' KAMA3' A.' 1@-3I%J'
FG&HG' .AC%L' I%' @HGA' &%' @'@-J' BAJIB' G@I-D' %L' FG@%'
DG@' GI%L' FG&HG' GIL' A%H@' F&@BL@L' MA' 3CHG' NAF@-' FIM'
HABL' I%L' %@-'@B@MM' &%' L@IDG' &D' FIM' %IDC-IB' DGID' DG@'
DJ-I%%J' A.' DG@' 3I%' G&M' I-K&D-I-J' IHDM' G&M' H-C@BD&@M' G&M'
@TIHD&A%M' G&M' I--API%D' I%L' A'@-K@I-&%P' L&MNAM&D&A%' MGACBL'
K@' .A-PAB+@%' BB' FIM' .A-PADD@%' MI'@' DG@' -@HABB@HD&A%' A.'
G&M' P@%&CM' G&M' HAC-IP@' I%L' G&M' 3&M.A-DC%@M' ' G@' P-&@.'
A.' DG@' P@%@-ID&A%' A.' 1@-3I%M' FG&HG' GIL' BAMD' G&3' FIM'
&%L@@L' N-A.AC%L' J@D' MA3@' HA%MABID&A%' FIM' DA' K@' MACPGD'
&%' DG@' K@B&@.' FG&HG' MAA%' PI&%@L' HC--@%HJ' I3A%P' DG@'
BI-P@' KALJ' A.' DG@' N@ANB@' DGID' DG@&-' @3N@-A-' GIL' PA%@'
.A-' I' FG&B@' A%BJ' DA' DG@' -@MD&%P NBIH@' A.' DG@' 3&PGDJ' L@IL'
I%L' DGID' A%@' LIJ' G@' FACBL' -@DC-%' I%L' C%&D@' C%L@-' G&M'
@SCIKB@' I%L' K@%@.&H@%D' MFIJ' IBB' DG@' %ID&A%M' A.' DG@' @I-DG'
G&M' -A3I%D&H' I%L' IKMC-L' MCN@-MD&D&A%' 3&PGD' BAM@' P-AC%L'
A-' K@HA3@' NI-D&IBR' KCD' &D' INN@I-M' DA' GI'@' K@@%' BA%P' N-@?
M@-'@L' IM' I' .I'AC-&D@' D-IL&D&A%' &%' H@-DI&%' L&MD-&HDM' A.' 1@-

8E,ʻ 0"2 A1Vʻ A3ʻ B"$ ʻ ! ʻ --/E

3I%Jʻ G@ʻ &BBCMD-&ACMʻ P-I%LMA%ʻ A.ʻ I&KI-AMMIʻ GIMʻ IBMAʻ .AC%Lʻ G&Mʻ NI%@PJ-&MDMʻ &%ʻ G&MDA-Jʻ DGAM@ʻ FGAʻ MGI-@Lʻ DG@ʻ NANCBI-ʻ IL3&-ID&A%ʻ .A-ʻ G&Mʻ 3I%BJʻ I%Lʻ MABL&@-B&O@ʻ SCIB&D&@Mʻ I%Lʻ FGAʻ 3&PGDʻ N@-GINMʻ DG&%Oʻ DGIDʻ 3CHGʻ IBBAFI%H@ʻ FIMʻ DAʻ K@ʻ 3IL@ʻ .A-ʻ Iʻ P@%@-ACMʻ D@3N@-ʻ I%Lʻ Iʻ G@I-Dʻ %IDC-IBBJʻ O&%Lʻ %Lʻ MCHGʻ F-&D@-Mʻ HI--&@L IFIJʻ KJʻ DG@&-ʻ @%DGC? M&IM3ʻ GI'@ʻ L@HBI-@Lʻ DGIDʻ DG@ʻ '&-DC@Mʻ KJʻ FG&HGʻ DG@ʻ 3&%Lʻ A.ʻ DG@ʻ P-@IDʻ :AG@%MDIC.@%ʻ FIMʻ @%LAF@Lʻ I%Lʻ ILA-%@Lʻ .I-ʻ ACDMGA%@ʻ DG@ʻ BCMD-@ʻ A.ʻ DG@ʻ M@'@%H-AF%Mʻ FG&HGʻ PB&DD@-@Lʻ A%ʻ G&Mʻ K-AF +

"-@L@-&Hʻ **ʻ B@.Dʻ .AC-ʻ MA%Mʻ A.ʻ FGA3ʻ DFAʻ #A%-ILʻ I%Lʻ :@%-Jʻ F@-@ʻ B@P&D&3ID@ʻ I%Lʻ DG@ʻ -@3I&%&%PʻDFAʻ :@%V&CMʻ D&DCBI-ʻ a&%Pʻ A.ʻ I-L&%&Iʻ I%Lʻ I%.-@Lʻ O-&%H@ʻ A.ʻ I-I%DAʻ F@-@ʻ DG@ʻ A..MN-&%Pʻ A.ʻ &BB&H&Dʻ I3AC-Mʻ :@%V&CMʻ FIMʻ IDʻ N-@M@%Dʻ Iʻ N-&MA%@-ʻ &%ʻ DG@ʻ GI%LMʻ A.ʻ DG@ʻ ABAP%@M@R I%? .-@Lʻ FGAʻ &%ʻ Iʻ P-@ID@-ʻ 3@IMC-@ʻ DGI% I%Jʻ A.ʻ "-@L@-&HUMʻ ADG@-ʻ HG&BL-@%ʻ &%G@-&D@Lʻ G&Mʻ HGI-IHD@-ʻ I%Lʻ P@%&CMʻ GILʻ MHI-H@BJʻ IDDI&%@Lʻ G&Mʻ @&PGD@@%DGʻ J@I-ʻ ʻ .&.DGʻ MA%ʻ "-@? L@-&Hʻ <CO@ʻ A.ʻ %D&AHGʻ &Mʻ 3@%D&A%@Lʻ KJʻ &M3A%L&R KCDʻ IHHA-L&%Pʻ DAʻ IDDG@Fʻ A.ʻ OI-&Mʻ FGA3ʻ &M3A%L&ʻ G&3M@B.ʻ H&D@Mʻ "-@L@-&Hʻ L&@Lʻ K@.A-@ʻ K&Mʻ .IDG@-ʻ .ʻ DG@ʻ DFAʻ .&-MDʻ %I3@Lʻ HG&BL-@%ʻ A.ʻ DG@ʻ BID@ʻ @3N@-A-ʻ #A%-ILʻ DG@ʻ @BL@-ʻ FIMʻ L@HBI-@Lʻ G&Mʻ MCHH@MMA-ʻ DAʻ DG@ʻ M&B'@-ʻ H-AF%ʻ A.ʻ 1@-3I%Jʻ I%Lʻ &%ʻ DG@ʻ @'@%Dʻ A.ʻ Iʻ .I&BC-@ʻ A.ʻ &MMC@ʻ A%ʻ G&Mʻ NI-Dʻ DG@ʻ G@&-ʻ N-@MC3ND&'@ʻ FIMʻ G&Mʻ K-ADG@-ʻ :@%-Jʻ G@ʻ &-A%ʻ H-AF%ʻ A.ʻ A3KI-LJʻ DG@ʻ PABL@%ʻ L&IL@3ʻ A.ʻ DG@ʻ ;A3I%ʻ @3N&-@ʻ I%Lʻ DG@ʻ H-AF%ʻ A.ʻ INB@Mʻ I%Lʻ &H&BJʻ MD&BBʻ -@3I&%@Lʻ 'IHI%Dʻ GAF@'@- C%D&Bʻ #A%-ILʻ MGACBLʻ HA3@ʻ &%ʻ N@-MA%ʻ DAʻ M@@Oʻ DG@3ʻ Dʻ DG@ʻ GI%LMʻ A.ʻ DG@ʻ "BABJʻ @@R I%Lʻ .-A3ʻ DG@ʻ -IN&Lʻ L@'@

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BAN3@&&D' FG&HG' DG@' 3C%&H&NIB' MJMD@3' GIL' -@H@&'@L' &%' DG@' N@%&%MCBI' &D' 3&PGD' K@' MI.@BJ' N-@L&HD@L 'DGID' DG@' %@F' @3N@-A-' FACBL' %AD' F&%' DG@' N-&V@' FG&HG' G@' HA%D@3NBID@L' F&DGACD' I' M@'@-@' MD-CPPB@

%D&B' #A%-IL' FIM' B@.D' ID' B&K@-DJ' KJ' DG@' I..I&-M' A.' 1@-3I%J' DA' IMM@-D' G&M' HBI&3M' DA' DG@' MA'@-@&P%DJ' A.' DG@' @MD@-%' @3N&-@' : @%-J' AHHCN&@L' &H&BJ' I%L' DG@' JACDG.&L' I%.-@L' PA'@-%@L' &%' G&M' K-ADG@-UM' %I3@' INB@M' I%L' NCB&I +

G@' MA%' I%L' MCHH@MMA-' A.' "-@L@-&H' ** ' M@@3M' DA' GI'@' @I-BJ' @3K-IH@L' DG@' HA%'&HD&A%' DGID' DA' MCMDI&%' DG@' C%? L&'&L@L' F@&PGD' A.' DG@' D-&NB@' H-AF%' FIM' K@JA%L' G&M' NAF@-R' &%' DG@' O-&%H@' A.' I-I%DA' G@' FIM' .A-DC%ID@' &%' GI'&%P' I' O&%M3I%' FGAM@' @TD-IA-L&%I-J' DIB@%DM' I%L' @%? D@-N-&M&%P' HGI-IHD@-' .&DD@L' G&3' DA' K@HA3@' I' B@IL@-' &%' C%L@-DIO&%PM' DG@' 3AMD' L&..&HCBD' I%L' FGA' L&L' %AD' M@@3' I3K&D&ACM' A.' IMMAH&ID&A%' &%' DG@' GA%AC-M' A.' DG@' NC-NB@' GID' &D' CIM' %AD' BA%P' K@.A-@' DG@' NAF@-' A.' I%.-@L' &%' DG@' MACDG' A.' *DIBJ' FIM' MD-@%PDG@%@L' I%L' HA%MAB&LID@L' F@' QCLP@' .-A3' DG@' .IHD' DGID' MGA-DBJ' I.D@- G&M' IHH@MM&A%' DG@' <AP@' >@%A' IHH-@L&D@L' DA' DG@' N-&%H@' OI%H-IV&A' I-KA' .A-' DG@' NC-NAM@' A.' AKDI&%&%P' ID' G&M' GI%LM' I' -@HAP%&D&A%' I%L' -@%@FIB' A.' DG@' 3@-HI%D&B@' D-@ID&@M' &%DA' FG&HG' DG@' -@NCKB&H' GIL' @%D@-@L' F&DG' G&M' .IDG@-' "-@L@-&H' G@' 3&MM&A%' A.' I-KA' FIM' N@-.@HDBJ' MCHH@MM.CB e

CD' FG&B@' DG@' $@%@D&I%M' MACPGD' A%' HA33@-H&IB' P-AC%LM' DA' @MDIKB&MG' .-&@%LBJ' -@BID&A%M' F&DG' I%.-@L' DG@' G&PG' NAB&D&HIB' HA%M&L@-ID&A%M' FG&HG' B@L' DG@3' .-A3' DG@' .&-MD

R2 '7 '*'DDD:Y' 2 ' '7 ' ', :'
Q S:'7M 5'*'>D :

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DA &%HB&%@ DA DG@ NANCBI- M&L@ GIL -IDG@- PI&%@L DGIN BAMD F@&PGDR I%L DG@J F@-@ 3A-@ DGI%' @'@- .I'AC-IKBJ L&MNAM@L DAFI-L DG@ A3KI-L @IPC@ *D MGACBL K@ AKM@-'@L GAF@'@- DGID DG@ NAM&D&A%' &% FG&HG DG@ &P %A-J MDAAL &% -@PI-L DA DG@ 1C@BNGM FIM I MA3@FGID N@HCGI- A%@ : @- IBB&I%H@ F&DG DG@3 FIM 3A-@ &% DG@ %IDC-@ A. I 'ABC%DI-J A- MNA%DI%@ACM ILG@M&A% DGI% I -@PCBI- I%L K&%L&%P @%PIP@3@%DR I%LR IBDGACPG CM DG@-@ &M @'@-J -@IMA% DA MCNNAM@ MG@ GIL MCKMH-&K@L ID I% @I-BJ N@-&AL DG@ &%MD-C3@%D A. .@L@-ID&A% MG@ -@M@-'@L DA G@-M@B. DG@ -&PGD A. .-@@ I%L &%L@N@%L@%D IHD&A% %' DG@ NI-D A. I P-@ID DID@ P-ILCIBBJ @B@'ID&%P G@-M@B. IM $@%&H@ FIM @B@'ID&%P G@-M@B. KJ &%LCMD-J I%L @%D@-N-&M@ DA DG@ -I%O A. I .&-MD -ID@ !C-AN@I% OAF@- MCHG I B&%@ A. N-AH@@L&%P FIM KADG %IDC-IB I%L %@H@MMI-J "A- DA GI'@D &%'AB'@L G@-M@B. KJ I HBAM@- HA%%@HD&A% &% IBB DG@ N@DDJ L&..@-@%H@M FG&HG 3&PGD GINN@%' DA I-&M@ K@DF@@%' DG@ 1C@BNGM I%L DG@&- ANNA%@%DM A- K@DF@@%' A%@ 3Q3K@- A. DG@ 1C@BNG&H .IHD&A% I%L I%ADG@- FACBL &%' DG@ .&-MD NBIH@ GI'@ K@@%' @3&%@%DBJ C%L&P%&.&@L R I%L M@HA%LBJ MG@ HACBL MHI-H@BJ F&DGACD DG@ &33&%@%D B&O@B&B&AAL A. I -CNDC-@ FG&HG FIM '@-J C%L@M&-IKB@ F&DG DG@ HAC-D A. 1@-3I%J 3IO@ I NCKB&H L@HBI-ID&A%' A. G@- ILG@M&A% I%L MJ3NIDGJ F&DG DG@ L@3AH-ID&H %&A% D DG@ MI3@ D&3@ DG@-@.A-@ DGID G@-PA'@-%3@%D M@BLA3 A- %@'@- %@PB@HD@L I% ANNA-DC? %&DJ A. N-A3AD&%P DG@ MCHH@MM A. DG@ B&K@-IB HICM@ I%L A. B@%L&%P G@- G@BN DA DG@ .AC%LID&A% A. I BI-P@ %C3K@- A. N@DDJ 3C%&H&NIB KA-ACPGM A% DG@ -C&%M A. DG@ I%H&@%D O&%PLA3 A. BKA&% &D FIM HI-@.CB DA ILAND &% P@%@-IB DBC[+ HICD&ACM I%L .I- M&PGD@L NAB&HJ KJ FG&HG &D N-@

M@-'@L' I' PAAL' C%L@-MDI%L&%P' F&DG' KADG' NAB&D&HIB' M@HD&A%M'
J@D' HK&%N-A3&M@L' &DM@B.' F&DG' %@&DG@-' ' G@' I..I&-M' A.'
A3KI-LJ' GAF@'@-' F@-@' MAA%' DA' DIO@' I' DC-%' FG&HG'
&.' &D' I..A-L@L' DG@' $@%@D&I%' PA'@-%3@%D' I%J' HGA&H@' A.'
NAB&HJ'B@.D' &D' ID' B@IMD' B&DDB@' -AA3'DA' G@M&DID@' FGID' HAC-M@' &D'
MGACBL' DIO@I%L' DG@%' &D' FIM' DGID' DG@' -@NCKB&H' 3&PGD'
K@' M@@%' DA' HIMD' IM&L@' IBB' L&MPC&M@' I%L' DA' @MNACM@' F&DG'
FI-3DG' DG@' F-A%PM' A.' *DIB&I%' .-@@LA3' I%L' DG@' ;A3I%'
#GC-HG = %I3@M' I%L' F-A%PM' MA' BA%P' I%L' MA' GINN&BJ'
&L@%D&.&@L

G@' MCHH@MM@M' A.' DG@' &3N@-&IB&MDM' &%' &H&BJ' I%L' NCB&I'
C%L@-'O-&%H@' I%.-@L' GIL' DG@' %@H@MMI-J'@..@HD' A.'&3NI-D'
&%P' %@F' '&PAC-'DA' DG@' 1G&K@BB&%@M' &%' DG@' A-DG'R I%L' DG@'
MI3@' HICM@' HA3K&%@L' F&DG' DG@' L@IDG' A.' "-@L@-&H' ** '
D@%L@L' DA' &%H-@IM@' DG@' N@-MA%IB' &%.BC@%H@' A.' !HH@B&%A'
GID' G@I-DB@MM' I%L'&%.I3ACM' 3I%' FGA'&%' DG@' HAC-M@' A.'I'
.@F' J@I-M' GIL' -I&M@L' G&3M@B.' DA' I' KIL' @3&%@%H@' KJ' DG@'
KIM@MD' I-DM' I%L' @TN@L&@%DM' FIM' ID' N-@M@%D' IB3AMD' ID' DG@'
G@&PGD' A.'G&M' NAF@-R DG@' D@--A-' A.' G&M' B&I3@' @TD@%L@L' .I-'
I%L' F&L@R' I%L' %A' L&MNAM&D&A%' FIM' @'&%H@L' KJ' G&3' DA'
-@BIT' G&M' @T@-D&A%M'A-' DA' -@%AC%H@' G&M' N-AQ@HDM' A.' IPP-I%'
L&M@3@%D' C%D&B' DG@' FGAB@' A.'DG@' -@'&MI%' I-HG'N@-GINM'
DG@' FGAB@' A.' A3KI-LJ' FIM' -@LCH@L' K@%@IDG' G&M' -CB@'
;A3I%A' IB-@ILJ'-@&P%@L' NI-I3AC%D' A'@-'OILCI' $&H@%VI'
I%L' $@-A%I' :&M' K-ADG@-' BK@-&PA' I' %ADA-&ACM' D-&33@-'
KCD' F&DG' FGA3' G@' FIM' ID' N-@M@%D' A%' .-&@%LBJ' D@-3M' FIM'
3IMD@-' A.' DG@' DAF%' I%L' 3C%&H&NIB&DJ' A.' -@'&MA' G@'
DJ-I%D' 3&PGD' IBMA' HAC%D' &%' HIM@' A.' @3@-P@%HJ' A%' DG@'
MCNNA-D' A.' M@'@-IB' .@CLIDA-&@M' &%' DG@' I-HG' F&DG' FGA3'
G@' GIL' N-CL@%DBJ' HA%D-IHD@L' IBB&I%H@M' I%L' FGA' NAMM@MM@L

E ' ł 2 A1VQ' A3' B"$ ł ' , ,8

HA%M&L@-IKB@' &%.BC@%H@' ID' #-@3A%I ' O&IH@%VI ' I%L' OI-3IR '
I%L' &D' FIM' .I-' .-A3' C%B&O@BJ' DGID' DG@' NAB&D&HIB' HA%D@MD '
FG&HG' FIM' DIO&%P' NBIH@' ID' -@MH&I ' K@DF@@%' DG@' DFA' -&'IB'
.IHD&A%M ' FACBL' MAA%' IMMC3@' I%' IMN@HD' MC..&H&@%DBJ' .I 'AC& '
IKB@' DA' DG@' 1G&K@BB&%@' &%D@-@MD' DA' @%IKB@' !HH@B&%A' DA' A..@-'
G&M' ' CHG' F@-@' DG@' N-AMN@HDM A.' DG@' &3N@-&IB '
2 &MDM ' G@' MD-@%PDG' A.' DG@' L@3AH-ID&H' NI-DJ ' A%' DG@' ADG@-'
GI%L ' N-&%H&NIBBJ' BIJ' &%' I%DCI ' &BI%' "@--I-I ' I%L' A?
BAP%I +' G@' .&-MD 3@%D&A%@L' NBIH@' GIL' .A-' MA3@' D&3@' K@@%'
G@BL' &%' I' MA-D' A.' .@CLIB' L@N@%L@%H@' KJ' DG@' #AC%DM' A.'
I%' A%&.IH&A ' FGA' F@-@' L@'AD@LBJ' IDDIHG@L' DA' DG@' : ABJ'
@@ ' I%L' &--@HA%H&B@IKB@' @%@3&@M' A.' DG@' GACM@' A.' ; A3I%A '
&BI% ' DG@' .&%@MD' .A-D-@MM' &%' DG@' O&%PLA3 ' GIL ' ID' IBB' D&3@M '
K@@%' L&MD&%PC&MG@L' KJ' DG@' V@IB' F&DG' FG&HG' MG@' .ACPGD '
I%L' DG@' .A-D&DCL@' F&DG' FG&HG' MG@' MC..@-@L ' &%' DG@' NANCBI-'
HICM@ ' ABAP%I ' FIM' I ' NAF@-.CB' -@NCKB&H ' F&DG' I ' F@BB '
A-PI%&V@L' 3&B&D&IR' I%L' "@--I-I ' FG@-@' DB&@' I-SC&M' A.'
!MD@ ' VVA' A'@BBA ' F&@BL@L' I%' ICDGA-&DJ ' INN-AIHG&%P' IM'
%@I-BJ' DA' IKMABCD&M3' IM' DG@' 3C%&H&NIB' .A-3' A.' PA'@-%?
3@%D' FACBL' IL3&D ' FIM' &%'@D@-ID@BJ' GAMD&B@' DA' ; A3I%A '
I%L' G&M' .I3&BJ ' KJ' FGA3' A'@BBA' GIL' K@@%' L@MNA&B@L' A.'
DG@' P-@ID@-' NI-D' A.' G&M' G@-@L&DI-J' NAMM@MM&A%M ' G@' C%?
GINNJ' 3@% ' FGA' GIL' MACPGD' MG@BD@-' ID' $@%&H@' I%L' &%'
DG@' %@&PGKAC-GAAL' .-A3' DG@' DJ-I%%J' A.' DG@' &3N@-&IB&MDM '
.A-3@L ' K@M&L@M ' %A' &%HA%M&L@-IKB@' IHH@MM&A%' DA' DG@' -I%OM'
A.' DG@' 1C@BNGMR I%L' I%' ILL&D&A%IB' MAC-H@' A.' MD-@%PDG '
IM' F@BB' IM' I%' ILL&D&A%IB' &%H@%D&'@' DA' @T@-D&A% ' FIM' DA' K@'
.AC%L' &%' I' -ID&A%IB' GAN@ ' DGID' DG@' : ABJ' @@ ' FGAM@' &%?
D@-@MDM' MA' HB@I-BJ' BIJ' &%' DG@' MCHH@MM' A.' DG@' NANCBI-' NI-DJ
' ±Q 0' < # # :# #

' , ,8 (' 0"2 A1V' A3' B"$ ' E

FACBL' MAABB' ILL-@MM' G@-M@B.' M@-&ACMBJ' DA' DG@' DIMO' A.' NBIH&%P' &%' HA%H@-D' F&DG' ADG@-' OA''@& M' I%' @..@HDCIB' HG@HO' A%' DG@' BIFB@MM' I3K&D&A%' A.' DG@' DFA' ;A3I%&' CHG' DAA' L@? N@%L@L' MGACBL' I' FI-' I-&M@' &%' DG@' -@'&MI%' I-HG' A% DG@' B&%@' A.' NAB&HJ' FG&HG' $@%&H@' 3&PGD' DG&%O' N-AN@-' DA' ILANDR' DGID' MG@' FACBL' -@3I&%' %@CD-IB' C%L@-' MCHG' H&-? HC3MDI%H@M' FIM' KI-@BJ' N-AKIKB@'R I%L' G@-' ILG@M&A%' A%@' FIJ' "DG@' ADG@-' FIM' SC&D@' MC..&H&@%D' DA' D%-%' DG@' MHIB@' G@' L@3AH-ID&H' B@IL@-M' GAF@'@-' QCLP&%P' .-A3' NIMD' @T? N@-&@%H@' HACBL' MHI-H@BJ' @%D@-DI&%' I' B@P&D&3ID@' LACKD' DGID' DG@' <CHIB' PA'@-%3@%D' &.' MC33A%@L' DA' L@HBI-@' &DM@B.' FACBL' @MNACM@' DG@' HICM@' A.' B&K@-DJ' I%L' QA&%' DG@' NANCBI-' M&L@' "A-' &D' FIM' I' HICM@' DA' FG&HG' DG@' -@NCKB&H' GIL' &%'I? -&IKBJ' MG@F%' G@-M@B.'.I'AC-IKB@' I%L' &D' FIM' A%@' DA' FL&&HG' MG@' FIM' IDDIHG@L' KJ' &%D@-@MD' %A' B@MM' DGI%' KJ' &%HB&%ID&A% CHG' FIM' DG@' NAMDC-@' A.' I..I&-M' FG@%' DG@' NAMDAB&H' @@' FIM' C-P@L' KJ' DG@' NI-DJ' A.' FG&HG' MG@' FIM' DG@' IH? O%AFB@LP@L' HG&@.' I%L' -@N-@M@%DID&'@' DA' DIO@' I' MD@N' DG@' &3NA-DI%H@' A.' FG&HG' HACBL' A%BJ' K@'@MD&3ID@L' KJ' &DM' -@MCBDM

*D' FIM' &%' DG@' 3A%DG' A.' I-H&&+' ,' DGID' "&B&NNA' "A%DI%I' -HB..&&MGAN' A.' ;I'@%%I' DG@' B@PID@' A.' G&M' "BAB&' %@MM' B@TI%L@-' *$' I--&'@L' ID' $@%&H@' HGI-P@L' F&DG' I' 3&MM&A%' FG&HG' FIM' K@B&@'@L' DA' K@' A.' HA%M&L@-IKB@' 3A? 3@%D' DA' DG@' <AP@' >@%A' "A%DI%I' &%' .IHD' GIL' &D' &%' G&M' &%MD-CHD&A%M' DA' HIBB' DG@' IDD@%D&A%' A.' G&M' @-@%&DJ' I%L' DG@' $@%@D&I%' PA'@-%3@%D' DA' DG@' L@NBA-IKB@' MDID@' A.' DG@' N@? %&%MCBI' P@%@-IBBJ' I%L' 3A-@' NI-D&HCBI-BJ' A.' DG@' -@'&MI%' I-HG' R DA' K-&%P' C%L@-' M@-&ACM' %AD&H@' DG@' H-C@B' MC..@T' &%PM' A.' DG@' A3KI-LM' C%L@-' DG@' L@MNAD&H' -CB@' A.' !HH@B&%A

E ‘ ‘ ‘ 6 ! ‘ ‘ , ,8

I%L‘ BK@-&PA‘ LI‘ ; A3I%A‘R I%L‘ DA‘ &%'&D@‘ DG@‘ &P%A-J‘ DA‘ K@HA3@‘ I‘ 3@3K@-‘ A.‘ I‘ N-AQ@HD@L‘ HAIB&D&A%‘ IPI&%MD‘ DB&@‘ DJ-I%D‘ A.‘OILCI‘ I%L‘ G&M‘ IB3AMD‘ @SCIBBJ‘ &%.I3ACM‘ K-ADG@- +‘ G@‘ -@N-@M@%DID&A%M‘ A.‘ DG@‘ C%H&A‘ 3@D‘ F&DG‘ I‘ .I'AC-IKB@‘ -@H@ND&A%R‘ G@‘ -@H@&'@L‘ N@-3&MM&A%‘ .-A3‘ DG@‘ LAP@‘ DA‘ N-@IHG‘ DG@‘ #-AMM‘ IPI&%MD‘ DG@‘ HA33A%‘ @%@3J‘ K@.A-@‘ DG@‘ IMM@3KB@L‘ 3CBD&DCL@‘ A%‘ DG@‘ SCI-@‘ A.‘ I&%D‘ I-O‘ *%‘ G&M‘ M@-3A%‘ DG@‘ B@PID@‘ KA-@‘ DG@‘ 3AMD‘ .BIDD@-&%P‘ D@MD&3A%J‘ DA‘ DG@‘ V@IB‘ F&DG‘ FG&HG‘ .&T%% D&3@‘ &33@3A-&IB‘ DG@‘ -@? NCKB&H‘ A.‘ $@%&H@‘ GIL‘ IL'AHID@L‘ DG@‘ HICM@‘ A.‘ -@B&P&A%‘ I%L‘ GC3I%&DJR‘ I%L‘ ID‘ DG@‘ HA%HBCM&A%‘ P-@ID‘ %C3K@-M‘ A.‘ N@-? MA%M‘ A.‘ @'@-J‘ HBIMM‘ J&@BL&%P‘ DA‘ DG@‘ &3NCBM@‘ A.‘ DG@‘ 3A? 3@%D‘ I%L‘ &3NID&@%D‘ DA‘ @%B&MD‘ &%‘ DG@‘ GABJ‘ NGIBI%T‘ DAAO‘ DG@‘ %@F‘ 'AF‘ A.‘L@'AD&A%‘ G@‘ ABL‘ MJMD@3‘ A.‘ D-I%M3I-&%@‘ @TN@L&D&A%M‘ .A-‘ DG@‘ -@HA'@-J‘ A.‘ DG@‘ @NCBHG-@‘ A-‘ DG@‘ @3NB@‘ FIM‘ %AF‘ HA3NB@D@BJ‘ ACD‘ A.‘ LID@‘‘ DG@‘ &BB NBI%%@L‘ &BB HA%LCHD@L‘ I%L‘ L&MIMD-ACM‘ @%D@-N-&M@‘ A.‘ I&%D‘ AC&M‘ M@@3M‘ DA‘ GI'@‘ P&'@%‘ DG@‘ L@IDGKBAF‘ DA‘ I%‘ @TN&-&%P‘ .IMG&A%‘ *D‘ FIM‘ %A‘ BA%P@-‘ I‘ FI-‘&%‘ FG&HG‘ #G-&MD&I%M‘ F@-@‘ I--IJ@L‘ IPI&%MD‘ IGA33@LI%M‘ KCD‘ I‘ FI-‘ DA‘ DG@‘ O%&.@‘ K@DF@@%‘ #G-&MD&I%‘ I%L‘ #G-&MD&I%‘ G@‘ NBIH@‘ HGAM@%‘ IM‘ I‘ NA&%D‘ DA‘ FG&HG‘ DG@‘ L&..@-@%D‘ HA-NM‘ 3&PGD‘ HA%'@-P@‘ I%L‘ FG@-@‘ DG@J‘ 3&PGD‘ @..@HD‘ I‘QC%HD&A%‘ FIM‘ @K@‘ I‘$@%@D&I%‘ .A-D-@MM‘ A%‘ DG@‘ -@%DI‘ G@-@‘ DG@‘ D-AANM‘ F@-@‘ DA‘ K@‘ A-PI%&V@L‘ I%L‘ DG@‘ NBI%‘ A.‘ AN@-ID&A%M‘ DA‘ K@‘ L&MHCMM@L

G@‘ .A-H@M‘ A.‘ DG@‘ 1C@BNGM‘ F@-@‘ HA3NAM@L‘ A.‘ HA%D&%? P@%DM‘ .-A3‘ DG@‘ 'I-&ACM‘ 3@3K@-M‘ A.‘ DG@‘ #A%.@L@-ID&A%‘R DG@‘ B@IL&%P‘ HA%D-&KCDA-M‘ F@-@‘ &BI%‘ I%DCI‘ ABAP%I‘ "@--I-I‘ I%L‘ ; A'&PA‘R I%L‘ @IHG‘ A.‘ G@-‘ IBB&@M‘ GI'&%P‘ .C-‘

%&MG@L' DG@&-' -@MN@HD&'@' SCADI ' DG@' -@NCKB&H' G@-M@B.' @%?
PIP@L' DA' N-A'&L@' &%' ILL&D&A%' DA' I' H@-DI&%' N-ANA-D&A%' A.'
D-AANM ' DG@' 3@I%M' A.' D-I%MNA-D' .-A3' @K@' DA' OILCI ' *%'
DG@' L&MD-&KCD&A%' A.' HA33I%LM ' KJ' .I-' DG@' BI-P@-' MGI-@'
FIM' IBBAF@L' DA%.IB&' DA' DG@' &P%A-J ' FGA3' DG@' A3KI-LM'
F@-@Q' .-A3' AK'&HCM' -@IMA%M ' 3AMD' I%T&ACM' DA' NB@IM@' I%L'
N-AN&D&ID@ ' &DG' DG@' MI%HD&A%' A.' DG@' : ABJ' @@' I%L' A.'
G&M' AF%' HAC%D-J3@%' I-HA' ILA@-' I' $@%@D&I%' %AKB@?
3I%' FIM' %I3@L' KJ' DG@' I-HGK&MGAN B@PID@' P@%@-IB&M?
M&3AR' DG@' HGI-P@' A.' DG@' DFA' N-&%H&NIB' L&'&M&A%M' A.' DG@'
I-3J' FIM' HA%.&L@L'DA' A33IMM&%A' 1&CMD&%&I%&' I%L' I-HA'
_C&-&%& +' M' I' 3I-O' A.' HA%M&L@-ID&A%' GAF@'@-' .A-' DG@'
M@-'&H@M' I%L' 3&M.A-DC%@M' A.' DG@' P-@ID' I%L' &BBCMD-&ACM'
GACM@' A.' !MD@' FG&HG' KIL' K@@U%' MD-&NN@L' A.' DG@' 3AMD'
NI-D' A.' &DM' &%G@-&DI%H@' KJ' DG@' ;A3I%&' DG@' G&PG' I%L' GA?
%AC-IKB@' NAMD' A.' MDI%LI-L K@I&U@-' FIM' IMM&P%@L' DA' &DA'
A'@BBA ' I' O&%M3I%' A.' DG@' -@&P%&%P' I-SC&M' VVA' FGA'
MD&BB' NAMM@MM@L' &%' DG@' L@HB&%@' A.' G&M' NAF@-' I%L' .A-DC%@'
DG@' 3AMD' C%KAC%L@L' &%.BC@%H@' ID' "@--I-I

G@' AN@-ID&A%M' A.' DG@' #-CMIL@-M' AN@%@L' F&DG' DG@' M&@P@'
A.' OILCI ' DG@' P-@ID' MD-A%PGABL' A.' DG@' 1G&K@BB&%@M' &%' DG@' '
A-DG ' I%L' DG@' G@ILSCI-D@-M' A.' !HH@B&GAR' I%L' MA' MI%PC&%@'
I%L' HA%.&L@%D ' &D' 3&PGD' M@@3 ' F@-@' DG@' -@NCKB&H' I%L' G@-'
%@F' IBB&@M' A.' K-&%P&%P' DG@&-' C%L@-DIO&%P' DA' I' MCHH@MM.CB'
&MMC@' DGID' DG@' $@%@D&I%' P@%@-IB ' I-HA' _C&&%%&' GIL' K@@%'
N-AMN@HD&'@BJ' @B@HD@L' NAL@MDm' A.' DG@' H&DJ' I%L' HA33C%@'
.A-' DG@' HC--@%D' J@I-' A-' F@-@' MCHG' .I'AC-IKB@' @TN@HDI?
D&A%M' F&DGACD' MA3@' PAAL' .AC%LID&A%

'MGA-D' D&3@' N-&A-' DA' DG@' I--&'IB' A.' DG@' $@%@D&I%' MSCI '
G1 ' ' ' , ' ' 2 ' ' 7 ' * ><=:' ' $ ' 7 '=>/:

E ' A A3 , * TN , ,8

L-A% &% DG@ OA I%L DG@ L&M@3KI-OID&A% A.DG@ @%@3J &% DG@ '&H&%&DJ A.G&M HIN&DIB ! HH@B&%A G&3M@B. &% DG@ GAN@ A.-@LCH&%P DA G&M MFIJ DGID &3NA-DI%D NBIH@ GIL 3I-HG@L F&DG I BI-P@ KALJ A.D-AANM &% DG@ L&-@HD&A% A. -@MH&I B@I'&%P DG@ L@.@%H@ A.OILCI DA G&M %@NT&@F %MHL&M&CM LI 1&CLADD& I 3I% A. .I-&%.@-&A-HINIH&DJ *D FIM N-A? KIKB@ DGID DG@ AKQ@HD FG&HG DG@ DJ-I%D GIL &% '&@F FACBL HAMD G&3 HA%M&L@-IKB@ D&3@ I%L L&..&HCBDJ &% DG@ IDDI&%3@%D R I%L &D FIM KJ %A 3@I%M C%-@IMA%IKB@ DA @TN@HD DGID K@.A-@ G@ HACBL -@D-IH@ G&M MD@NM I%L I..A-L -@B&@.DA DG@ PI--&MA% OILCI 3&PGD K@ HA3N@BB@L DA MC-? -@%L@-A- HIN&DCBID@ *D DG@-@.A-@ K@HI3@ A.DG@ CD3AMD &3NA-DI%H@ DA IHD F&DG N-A3ND&DCL@ I%L L@H&M&A% %AD I 3A3@%D &% .I@D FIM DA K@ FIMD@LR I%L MA MAA% IM DG@ N-@B&3&%I-J I--I%P@3@%DM F@-@ HA3NB@D@L I%L DG@ #-C? MIL@-M GIL 3IL@ DG@3M@B'@M 3IMD@-M A. DG@ MCKC-KM A. #A%HI LU BK@-A #A%M@B'A I%L O&I'@L& IHHA I P@%@-IB IDDIHO FIM HA33@%H@L G@ N-&%H&NIB @..A-DM +AF@'@- F@-@ L&-@HD@L IPI&%MD DG@ OA-DI BD&-&ID@R I%L DG@-@ IBMA FIM @TG&K&D@L &% DG@ HA%LCHD A. DG@ L@.@%H@ DG@ P-@ID@MD GI-L&GAAL I%L -@MABCD&A% CLL@%BJ I% @%A-3ACM P5 I FG&HG GIL K@@% NBI%D@L KJ A-L@-A. I-HA _C&-&%& IPI&%MD DG@ BD&%ID@ DA HA'@- I%L IMM&MD DG@ 3AJ@-I@%DM A. G&M L&'&M&A% FIM AKM@-'@L DA DIO@ .&-@R &D GIL K@@% &P%&D@L IM FIM MCNNAM@L KJ MA3@ A. DGAM@ A% DG@ -I3NI-DM ; IN&LBJ I%L &--@M&MD&KBJ DG@ .BI3@M PIDG@-@L MD-@%PDG I%L 'ABC3@R &% I MGA-D D&3@ DG@ FGAB@ 3IHG&%@ GIL .IBB@% I N-@JR I%L DG@ 3I%qC'-@ A. DG@ K@M&@P@L M@@3@L DA K@ HA3NB@D@BJ MCHH@MM.CB CD C%.A-DC%ID@BJ DG+ PID@ DA FL&&HG DG@ FAAL@% 3IHG&%@ FIM NBIH@L &%

QCTDINAM&D&A%' FIM IBMA HA%MD-CHD@L'A.' FAAL'!' DG@' &%D@%M@'
G@ID'A.' DG@' .&-@' FIM DAA' 3CHG' .A-'MA' HA3KCMD&KB@' I' 3I?
D@-&IB'R I%L' KADG' F@-@' &%'AB'@L' CBD&3ID@BJ' &%' I'HA33A%'
L@MD-CHD&A%' G@' .IBB' A.'DG@' BD&%ID@' IL3&DD@L' I'MD-A%P'
L&'&M&A%' A.' DB&@' K@M&@P&%P' .A-H@' F&DG&%' DG@' FIBBMR' DG@'
PI--&MA%' FIM NI%&H MD-&HO@%R %M@L&M&CM N-A'&L@L' .A-'G&M
N@-MA%IB' MI.@DJ' KJ' DIO&%P' GA-M@' I%L' .BJ&%P' &%' N-@H&N&?
DID&A%' I%L' OILCI' FIM &%' DG@' GI%LM A.' DG@' IBB&@M Z DG'
5C%@' ,[' GID' .ABBAF@L' &D' &M KADG' L&..&HCBD' I%L'
NI&%.CB' DA' L@MH-&K@' &D' FIM I'G&L@ACM MH@%@' A.' MBICPGD@-'
I%L' KBAALMG@L' FG&HG' N-@M@%D@L' &DM@B.' DA' DG@' @J@'A.'DG@'
AKM@-'@-R IBB' DG@' -CB@M A.'H&'&B&V@L' FI-.I-@' F@-@' M@D' IM&L@'
&%' DG@' KB&%L' -IP@' A.' BCMD' I%L' I'I-&H@R 3&B&DI-J' B&H@%M@'
N-@'I&B@L' &%' &DM FA-MD' .A-3' I%L' IMN@HDR &%' @'@-J' L&-@H?
D&A%' @TD@%L@L' DG@' MI3@' MN@HDIHB@' A.' -IN&%@' I%L' -C&%R'
I%L' DG@' #-CMIL@-M +' IB&O@' .A-P@D.CB' A.' DG@' %IDC-@' I%L'
AKQ@HDM A.' DG@' FI-' &%' FG&HG' DG@J' F@-@' @%PIP@L' F@-@'
PC&BDJ' A.+@TH@MM@M' FG&HG' FACBL' GI'@' K@@%' KI-@BJ' NI-LAC'
IKB@' &%' DG@' LIJM A.' G@ALA-&H' DG@' 1ADG' I%L' FG&HG' .CBBJ'
@SCIBB@L' &%' ID-AH&DJ' DG@' IHDM' IDD-&KCD@L' DA' DD&BI' DG@'
' '< ' *%'A%@' -@MN@HD' %ADF&DGMDI%L&%P' DG@'
C%L@-DIO&%P' A.' DG@' $@%@D&I%M I%L' DG@&-' IBB&@M GIL' K@@%'
IDD@%L@L' KJ' K@%@.&H&IB' @..@HDM' I%L' &%' A%@' NA&%D' ID' B@IMD'
DG@' #-CMIL@-M IHD@L' B&O@' 3@%' I%L' #G-&MD&I%M' "A-' DG@'
LC%P@A%M A.'!HH@B&%A'A'@-' FG&HG' GIL' G&DG@-DA' GC%P' MCHG'
I'D@--&KB@' '@&B' A.' 3JMD@-J' F@-@' %AF' DG-AF%' AN@%R I%L'
GC%L-@LM A.' GC3I%' K@&%PM' FGA' GIL' FIMD@L' DG@&-' @T&MD?
@%H@' J@I-' I.D@-' J@I-' &%' DGAM@' %A&MA3@' H@BBM' &%' I'H-C@B' I%L'
IM' &D' M@@3@L' &%D@-3&%IKB@' HIND&'&DJ' F@-@' C%@TN@HD@LBJ

G 9% % '2 ' '7 ' !',N≠* :

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-@MDA-@Lʻ DAʻ B&K@-DJʻ I%Lʻ GAN@ʻ OILCI+ʻ DAAʻ GILʻ IDʻ BIMDʻ K@@%ʻ @..@HDCIBBJʻ F-@MD@Lʻ.-A3ʻ DG@ʻ GI%LMʻ A.ʻ G@-ʻ 1G&K@BB&%@ʻ ANN-@MMA-Mʻ G@ʻ KBAAL MDI&%@Lʻ I%%IBMʻ A.ʻ DG@ʻ -@&P%ʻ A.ʻ !HH@B&%Aʻ F@-@ʻ HBAM@Lʻ.A-ʻ @'@-R I%Lʻ DG@ʻ MDI%LI-Lʻ A.ʻ.-@@? LA3ʻ MDI&%@Lʻ IMʻ &Dʻ FIMʻ KJʻ @'@-Jʻ MN@H&@Mʻ A.ʻ H-&3@ʻ I%Lʻ &%&SC&DJʻ.BAID@Lʻ A%H@ʻ 3A-@ʻ A'@-ʻ DG@ʻ FIBBMʻ A.ʻ G&Mʻ .A-3@-ʻ HIN&DIBʻ G@ʻ 1C@BNGMʻ I%T&ACMʻ DAʻ I..A-Lʻ I%ʻ @I-BJʻ I%Lʻ MCKMDI%D&IBʻ -@HAP%&D&A%ʻ A.ʻ DG@ʻ BI-P@ʻ MGI-@ʻ FG&HGʻ DG@ʻ -@NCKB&Hʻ GILʻ KA-%@ʻ &%ʻ MAʻ &3NA-DI%Dʻ I%ʻ C%L@-DIO&%Pʻ @B@HD@Lʻ A%ʻ DG@ʻ @TN&-ID&A%ʻ A.ʻ I-HAʻ _C&-&%&UMʻ D@-3ʻ A.ʻ A..&H@ʻ 1&A'I%%&ʻ DG@ʻ MA%ʻ A.ʻ D@.I%Aʻ ILA@-ʻ HG&@.ʻ 3I? P&MD-ID@ʻ I%Lʻ.&-MDʻ H&D&V@%ʻ A.ʻ DG@ʻ HA33C%@ʻ .A-ʻ DG@ʻ %@Fʻ J@I-

.D@-ʻ DG@ʻ HINDC-@ʻ I%Lʻ MIHOʻ A.ʻ OILCIʻ DG@ʻ HA33I%L@-ʻ &% HG&@.ʻ I-HAʻ ILA@-ʻ GI'&%Pʻ -@H@&'@Lʻ MD-A%Pʻ -@&%.A-H@? 3@%DMʻ.-A3ʻ G&Mʻ AF%ʻ I%Lʻ DG@ʻ ADG@-ʻ PA'@-%3@%DMʻ K@BA%P? &%Pʻ DAʻ DG@ʻ #A%.@L@-IHJʻ N-AH@@L@Lʻ F&DGACDʻ BAMMʻ A.ʻ D&3@ʻ DAʻ DIO@ʻ 3@IMC-@Mʻ.A-ʻ ANNAM&%Pʻ !HH@B&%Aʻ FGAʻ A%ʻ K@&%Pʻ IN? N-&M@Lʻ A.ʻ DG@ʻ DC-%ʻ FG&HGʻ I..I&&Mʻ GILʻ DIO@%ʻ &%ʻ DG@ʻ A-DGʻ GILʻ IDʻ A%H@ʻ -@D-IH@Lʻ G&Mʻ MD@NMʻ.-A3ʻ -@MH&Iʻ &%ʻ DG@ʻ GANʻ DGIDʻ G@ʻ 3&PGDʻ KJʻ Iʻ-IN&Lʻ HAC%D@-3I-HGʻ K@ʻ IKB@ʻ DAʻ-I&M@ʻ DG@ʻ M&@P@ʻ A.ʻ OILCIʻ I%Lʻ DAʻ K-&%Pʻ DG@ʻ @%@3Jʻ DAʻ IHD&A%ʻ *%ʻ DG&Mʻ @TN@HDID&A%ʻ GAF@'@-ʻ G@ʻ FIMʻ.-CMD-ID@Lʻ KJʻ DG@ʻ .IBBʻ A.ʻ DG@ʻ NBIH@ʻ A%ʻ DG@ʻ DGʻ5C%@Rʻ I%Lʻ&%ʻ DG@ʻ %@&PGKAC-? GAALʻ A.ʻ #IMMI%Aʻ G&Mʻ N-AP-@MMʻ FIMʻ I--@MD@Lʻ KJʻ DG@ʻ '&HDA? -&ACMʻ 1C@BNGMʻ FGAʻ GILʻ GIMD@%@Lʻ DAʻ 3@@Dʻ G&3ʻ K@.A-@ʻ G@ʻ H-AMM@Lʻ DG@ʻ LLIʻ *%ʻ DG@ʻ M@'@-@ʻ MD-CPPB@ʻ FG&HGʻ @%MC@Lʻ .A-ʻ DG@ʻ NAMM@MM&A%ʻ A.ʻ DG@ʻ K-&LP@ʻ A'@-ʻ DG@ʻ -&'@-ʻ IDʻ DGIDʻ NA&%Dʻ DG@ʻ 1G&K@BB&%@Mʻ MCMDI&%@Lʻ I'DADIBʻ L@.@IDRʻ I%Lʻ DG@ʻ DJ-I%Dʻ G&3M@B.ʻ FIMʻ MAʻ M@'@-@BJʻ I%Lʻ LI%P@-ACMBJʻ FAC%L@L

DGID &D FIM %@H@MMI-J DA -@3A'@ G&3 .-A3 DG@ .&@BL : @ FIM HI--&@L DA $&3@-HID@ DA L&@R I%L &% @TN&-&%P A. FAC%LM .I&-BJ -@H@&'@L &% KIDDB@ DG@ C%PALBJ MA% A. !HH@B&%A DG@ A%O 3&PGD K@ DGACPGD DA GI'@ 3@D F&DG A%BJ DAA P@%DB@ I%L GA%AC-IKB@ I .ID@ CHG GAF@'@- FIM G&M@%LR I%+BDG@ P-I'@ GIL MAA% HBAM@L A'@- IBBMI'@ I 3@3A-J FG&HG GIM HA3@ LAF% DA NAMD@-&DJ HA'@-@L F&DG L@@N I%L @D@%&IB &%.I3J D DG@ N@-&AL A. G&M L@IDG !HH@B&%A ** FIM &% G&M , DG J@I-=I% IL'I%H@L IP@ &D F@ HA%M&L@- I B&.@ MN@%D &% HA%MDI%D -&MO @TNAMC-@ I%L .ID&PC@ '@-J L&..@-@%D .ID@ IFI&D@L G&M JAC%P@- I%L MC-'&'&%P K-ADG@- BK@-&PA

A MAA%@- GIL DG@ -C3AC- MN-@IL DGID !HH@B&%A A. OILCI FIM %A 3A-@ DGI% DG@ A3KI-LM %A BA%P@- O@ND &% MCKQ@HD&A% KJ DG@ D@--A- A. I P-@ID %I3@ I%L B@L KJ I P@%@-IB &3NCBM@ -AM@ &% -@'ABD IPI&%MD DG@ ;A3I%&R I%L BK@-&PA FGA GIL LAF% DA DG@ N-@M@%D D&3@ G@BL MFIJ ID -@ '&++ C%L@- DG@ MGILAF A. G&M K-ADG@-UM -@NCDID&A% I%L NAF@- FIM AKB&P@L DA HA%MCBD G&M N@-MA%IB MI.@DJ KJ DIO&%P MG@BD@- &% DG@ #IMDB@ A. I&%D >@%A FG@-@ G@ L&L %AD L@MNI&- A. K@&%P IKB@ DA 3I&%DI&% G&M P-AC%L IPI&%MD I%J HA3@-M G@ @IPC@-M GAF@'@-'@3KABL@%@L KJ DG@&- '&HDA-J ID #IMMIGA IM F@BB IM KJ DG@ &%MC--@HD&A%I-J 3A'@? 3@%D &% A3KI-LJ .ABBAF@L HBAM@BJ &% G&M .AADMD@NMR I&%D >@%A FG&HG IBDGACPG &D INN@I-M DA GI'@ K@@% DAB@-IKBJ F@BB .A-D&.&@L FIM MHI-H@BJ HINIKB@ A. MCMDI&%? &%P I B@%PDG@%@L A- MJMD@3ID&H M&@P@ MAA% J&@BL@L C%L@- DG@ N-@MMC-@ A. I MD-&HD KBAHOIL@R I%L A% DG@ MC--@%L@- A. DGW NBIH@ BK@-&PA I%L IBB DGAM@ A. G&M -@BID&A%M FGA GIL IHHA3NI%&@L G&3 &% G&M .B&PGD .-A3 -@'&MA F@-@ NCD

DA' L@IDG'&%' I' 3I%%@-'KCD'DAA'HGI-IHD@-&MD&H'A.' I'KI-KI.ACM' I%L' '&%L&HD&'@' IP@ +' D'DG@'MI3@'D&3@' F@'%@@L'%AD'.@@B' MC-N-&M@L' ID'DG@' 3IB&P%I%D'N@-D&%IH&DJ' F&DG'FG&HG'DG@' D-&C3NGI%D'L@3AH-IDM'NC-MC@L'DG@'MC-'&'&%P'K-I%HG@M'A.' DG@' ;A3I%A'.I3&BJR'DG@'3ILL@%&%P'M@%M@'A.'IHHC3CBID@L' F-A%PM'PI'@'DG@'%ID&A%' IM'&D'F@-@'KCD'A%@'G@I-D'A.'K&D? D@-%@MM' I%L'A%@'GI%L'A.'-@D-&KCD&A%R' I%L'C%D&B'DG@'HCN' A.''@%P@I%H@'FIM'.CBB'DG@-@'FIM'%A'B&MD@%&%P'DA''A&H@'A-' I-PC3@%D'A.'3@-HJ

G@'FI-'A.'*DIB&I%' &%L@N@%L@%H@'L3&%P'DG@'DF@B.DG' I%L'DG&-D@@%DG'H@%DC-&@M'FIM'I'FI-'&%'D-CDG'DA'DG@'O%&.@' K@DF@@%'DG@'DFA'P-@ID'NAGD&HIB'M@HD&A%M'A.'MAH&@DJ = DG@' &K@-IB'M@HD&A%'I%L'DG@'#A%M@-'ID&'@'M@HD&A%R'DG@'FGAB@' HAC%D-J'KB@L'.-A3'DG@'FAC%LM'A.'LA3@MD&H'MD-&.@'I%L' H&'&B'HA%D@%D&A%R'I%L'&%'DGID'@'@%D.CB'D&3@'@TD-@3@BJ' .@F'I%L'.A-DC%ID@'F@-@'DGAM@'NBIH@M'FG&HG'GIL'%AD'DG@&-' 1C@BNG&H'.IHD&A%'I%L'DG@&-'1G&K@BB&%@'.IHD&A%'K-@IDG&%P' 3CDCIB'GID-@L'I%L'L@.&I%H@'I%L'I--IJ@L'DAFI-L'@IHG' ADG@-'&%'I%'IDD&DCL@'A.'&%'@D@-ID@'I%L'&--@HA%H&B@IKB@' GAMD&B&DJ

G@'N-@NA%L@-I%H@'FG&HG'DG@'1G&K@BB&%@M'GIL'K@@%' P-ILCIBBJ'IHSC&-&%P'&%'DG@'N@%&%MCBI'M&%H@'DG@'IMMC3N? D&A%'A.'NAF@-'KJ''-@L@-&H'**'D@-3&%ID@L'GAF@'@-'DA'I' BI-P@'@TD@%D'F&DG'DG@'LAF%.IB'A.'DG@'DFA';A3I%&'KADG' A.'FGA3'.-A3'AK'&ACM'3AD&'@M'A.'M@B. &%D@-@MD'GIL'IBFIJM' K@@%'MDIC%HG'CNGABL@-M'A.'DG@'N-@-APID&'@'A.'DG@'#-AF%' .D@-'I'BA%P'N@-&AL'A.'.&@-H@'I%L'.@'@-&MG'@TH&D@3@%D' A3KI-LJ'K@PI%'DA'.@@B'I'3A3@%DI-J'HIB3R'I%L'3I%J' A.'DG@'3C%&H&NIB'KA-ACPGM'MGIO&%P'A..'KJ'I'KABL'I%L'

'&AB@%D @..A-D DG@ MGIHOB@M A. 3&B&DI-J L@MNAD&M3 -@MC3@L DG@ @T@-H&M@ A. DG@&- C%LACKD@L N-&'&B@P@M KJ HGI%P&%P DG@&- PA'@-%A-M " A- &%MDI%H@ I-HA ILA@- DG@ BID@ HA&%3I%L@- &% HG&@. A. DG@ IBB&@L I-3J FIM HGAM@%O A? L@MDm A. -@'.MA G@ OILCI%M GIL IB-@ILJ HA%.@--@L I M&3&BI- L&MD&%HD&A%' A% 1&A'I%%& ILA@- I 3@3K@- A. DG@ MI3@ .I3&BJ DGACPG N@-GINM A. I L&..@-@%D K-I%HG %L DG@% DAA &D FIM DG ID I F@IBDGJ P@%DB@3I%' A. $@-A%I IMD&%A L@ BI HIBI KJ%I3@ DG@ MH&A% A. I %AKB@ GACM@ IHSC&-@L &% G&M %ID&'@ H&DJ KJ DG@ NANCBI- MC..-IP@M I%L C%L@- I NANCBI- INN@BBID&A% I NAF@- MHI-H@BJ &%.@-&A- DA DGID FG&HG !HH@B&%A G&3M@B. GIL .A-3@-BJ F&@BL@L ID OILCI I%L G&M JAC%P@- K-ADG@- ID -@'&MA R DG@ %I3@ A. I HIBI&M A%@ FG&HG F&BB .-@SC@%DBJ -@HC-&% DG@ HAC-M@ A. DG@ @%MC&%P NIP@M &% HA%%@HD&A% 3A-@ A- B@MM&33@L&ID@ F&DG DG@ G&MDA-J A. DG@ $@%@D&I% -@NCKB&H D -@MH&I GAF@'@- DG@ 1G&K@BB&%@M MCHH@@L@L &% N-@M@-'&%P DG@&- NAB&D&HIBM &%.BC@%H@ I%L &% -@DC-%&%P IM NAL@MDm A. DG@ KA-ACPG .A- DG@ HC--@%D J@I- K@-DH-OIB@'&H&%A A%@ A. DG@&- B@ILA&%P 3@% DG@J .@BD DGID DG@J GIL PI&%@L I% &3? NA-DI%D IL'I%DIP@ A'@- DG@ IL'@-M@ .IHD&A% +

*% DG@ A'@-DG-AF A. DG@ ;A3I%& DG@ AKQ@HD F&DG FG&HG DG@ #-CMIL@ &C DG@ N@%&%MCBI FIM A-&P&%IBBJ C%L@-DIO@% GIL K@@% IHHA3NB&MG@LR I%L HA%M@SC@%DBJ %A P-AC%L FGID@'@- @T&MD@L .A- N-ABA%P&%P GAMD&B&D&@M MMC-@LBJ %A 3@3K@- A. DG@ @IPC@ FIM 3A-@ M&%H@-@BJ PBIL DA K@ -&L A. DG@ AKB&PID&A%M FG&HG DG@ IBB&I%H@ %IDC-IBBJ &3NAM@L A% G@- DGI%DG@ -@NCKB&H A. $@%&H@ "A- @'@% K@.A-@ DG@ PA'@-%3@%D A. DG@ <AP@ >@%A FIM ID B&K@-DJ DA MG@IDG DG@

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MFA-L‘ &%‘ DG I D‘ HICM@ ‘ I‘ %@H@MM&DJ‘ G I L‘ I-&M@%‘ .A-‘ L-I F&%P‘ &D‘ &%‘ I%ADG@-‘ ‘ N@DDJ‘ SCI--@B‘ K@DF@@%‘ DG@‘ -@M&L@%DM‘ A.‘ $@%&H@‘ I%L‘ 1@%AI‘ ID‘ ODAB@3I&M‘ A-‘ I&%D‘ 5@I%‘ LU H-@‘ -@MN@HD&%P‘ DG@‘ @THBCM&'@‘ NAMM@MM&A%‘ A.‘ DG@‘ BAHIB‘ HGC-HG‘ A.‘ I&%D‘ IKKIM‘ FIM‘ L@MD&%@L‘ DA‘ B@IL‘ DA‘ A%@‘ A.‘ DG@‘ 3AMD‘ MI-&PC&%I+‘ I%L‘ @TN@%M&'@‘ FI-M‘ &%‘ FG&HG‘ DG@‘ DFA‘ -@NCK? B&HM‘ G I L‘ @'@-‘ @%PIP@LR‘ &D‘ FIM‘ I‘ FI-‘ FG&HG‘ @TD@%L@L‘ F&DG‘ H@-DI&%‘ &%D@--CND&A%M‘ A'@-‘ I‘ N@-&AL‘ A.‘ %&%@‘ A-‘ D@%‘ J@I-M‘ G@‘ @I-B&@-‘ NI-D‘ FIM‘ L&MD&%PC&MG@L‘ KJ‘ M@'@-IB‘ M@'@-@‘ @%PIP@3@%DM‘ &%‘ FG&HG‘ DG@‘ $@%@D&I%M‘ DGACPG‘ P@%@-IBBJ‘ &%.@-&A-‘ DA‘ DG@&-‘ .A@M‘ &%‘ NA&%D‘ A.‘ %C3K@-M‘ G I L‘ C%&.A-3BJ‘ DG@‘ IL'I%DIP@R‘ I%L‘ DG@M@‘ @%PIP@3@%DM‘ F@-@‘ .ABBAF@L‘ KJ‘ DG@‘ P-@ID‘ KIDDB@‘ FG&HG‘ FIM‘ .ACPGD‘ K@DF@@%‘ -INI%&‘ I%L‘ $IB‘ L&‘ IVI-I‘ A%‘ DG@‘ &H&B&I%‘ HAIMD‘ &%‘ , ‘ I%L‘ &%‘ FG&HG‘ DG@‘ %I'IB‘ .A-H@M‘ A.‘ DG@‘ -@NCKB&H‘ C%L@-‘ DG@‘ HA33I%L‘ A.‘ 1&IHA3A‘ <I%LABA‘ IHG&@'@L‘ I‘ MNB@%L&L‘ I%L‘ M&P%IB‘ D-&C3NG

G@‘ L@H&M&'@‘ HGI-IHD@-‘ A.‘ DG I D‘ IHD&A%‘ &%L@@L‘ G&.A-L@L‘ MA3@‘ P-AC%L‘ .A-‘ I‘ GAN@‘ DG I D‘ DG@‘ 'I%SC&MG@L‘ FACBL‘ %A‘ BA%P@-‘ G@M&DI D@‘ C%L@-‘ DG@‘ H&-HC3MDI%H@M‘ DA‘ IHH@L@‘ DA‘ DG@‘ N-ANAM&D&A%M‘ A.‘ N@IH@‘ FG&HG‘ DG@‘ PA'@-%3@%D‘ A.‘ >@%A‘ ID‘ DG@‘ -@N@ID@L‘ &%D@-H@MM&A%‘ A.‘ DG@‘ HAC-DM‘ A.‘ ;A3@‘ I%L‘ "-I%H@‘ G I L‘ IM‘ -@N@ID@LBJ‘ A..@-@L‘ DA‘ DG@&-‘ IHH@NDI%H@‘ G&DG@-DA‘ F&DGACD‘ MCHH@MM‘ G&M‘ GAN@‘ GAF@'@-‘ A.‘ FG&HG‘ DG@‘ -@NCKB&H‘ G@-M@B.‘ FIM‘ MHI-H@BJ‘ B@MM‘ I%T&ACM‘ DG I%‘ ADG@-M‘ DA‘ F&D%@MM‘ DG@‘ -@IB&VID&A%‘ N-A'@L‘ A%‘ @TN@-&@%H@‘ DA‘ K@‘ .IBBIH&ACM‘ G@‘ @%ID@‘ A.‘ 1@%AI‘ -@.CM@L‘ DA‘ D-@ID‘ GACPG‘ ‘ .A-MIO@%‘ KJ‘ .A-DC%@‘ &D‘ FIM‘ MD&BB‘ AN@%‘ DA‘ DG@3‘ DA‘ PGD‘ *D‘ FIM‘ MD&BB‘ &%‘ DG@&-‘ NAF@-‘ DA‘ -@NI&-‘ DG@&-‘ L&MP-IH@‘‘ I‘ L&M‘ P$.&H@‘ FG&HG‘ DG@J‘ N-AKIKBJ‘ .@BD‘ DG@‘ 3A-@‘ IHCD@BJ‘ IM‘ K@&%P

H&D@3@%D KJ DG@ MD&--&%P %IDC-@ A. NIMM&%P @'@%DM DG@ %ID&A% FIM GI-LBJ &% I .&D D@3N@- DA MC.&@- F&DGACD I 3C-3C- I%J ILL&D&A% FGID@'@- DA KC-L@%M FG&HG F@-@ IB-@ILJ DAA P-@ID DA K@I-R I%L I N-AD@MD FIM ID A%H@ 3IL@.-A3@'@-J HA-%@- A.DG@<APILA IPI&%MD I3@IMC-@ FG&HG HACBL %AD .I&B DA AN@-ID@ L&-@HDBJ I%L &%QC-&ACMBJ A% DG@ N-&H@ A. I '&+IB HA33AL&DJ %L DG@ H-J A. L&M? HA%D@%D K@HI3@ @'@-J LIJ BACL@- DG@ MJ3NDA3M 3A-@ NBI%%&%P G@ -@NCKB&H FIM MAA% L&'&L@L IPI&%MD G@-M@B. $@%&H@ FIM DG@ MH@%@ A. I K-@IL -&AD @L&D&ACM 3@@D&%PM DAAO NBIH@ A% DG@ O&IVVI FG@-@ -@'ABCD&A%I-J N-AQ@HDM F@-@.-I3@L I%L L&MHCMM@L KJ NANCBI-B@IL@-M I%L NANCBI- IP&DIDA-M *D FIM &% 'I&% DGID DG@ <AP@ >@%A 3IL@ I N@-MA%IB IDD@3ND DA NIH&.J DG@ DC3CBD KJ .I&- FA-LM I%L N-A3&M@MR G@ FIM D-@ID@L F&DG I L@-&M&A% FG&HG KCD DAA HB@I-BJ L@%AD@L DG@ @TIMN@-ID&A% A. DG@ 3CBD&DCL@ ID DG@ -&M@ &% DG@ N-&H@ A.K-@IL

CD DG@IL'I%H@M A.DG@LAP@GI'&%P K@@%DGCMG @Q@HD@L I%L G&M ICDGA-&DJ K-I'@L DG@ $@%@D&I% PA'@-%3@%D GIL %AF %A IBD@-%ID&'@ KCD DA -@N-@MM DG@L&MA-L@- KJ .A-H&KB@ 3@I%M G@ 3@D-ANAB&M &DM@B.GIL %A 3&B&DI-J @MDIKB&MG? 3@%D CD D-AANM F@-@ &33@L&ID@BJ MC33A%@L .-A3 DG@ %@I-@MD NA&%DM FG@-@ DG@-@ F@-@ PI--&MA%M .-A3 @K@ 1IMD@BBA -A%LABA I%L #G&AVVIR I%L DG@ &%MC--@HD&A% GI'&%P K@@% SC@BB@L KJ DG@ NAF@- A. DG@ MFA-L F&DGACD 3CHG L&..&HCBDJ A- MIH-&.&H@ A.B&.@ MCHG A.DG@ -&%PB@IL@-M &% DG@ BID@ 3A'@3@%D IM F@-@ %AD MH-@@%@L .-A3 QCMD&H@ KJ DG@ &%D@-@MD A. DG@&- .I3&BJ A- DG@ N-CL@%H@ A. DG@ !T@HCD&'@ F@-@ M@%D@%H@L IM I MIBCDI-J @TI3NB@ DA BAM@ DG@&- G@ILM K@DF@@% DG@ ;@L #ABC3%M @ I-@&%.A-3@L

DGID' DG@' %C3K@-'A.'N@& MA%M'L@HIN&DID@L'A%' DG&M' AH@IM&A%' FIM' '@-J'P-@ID +' >@%A'N%' &M' NI-D' FIM' N-AKIKBJ' 3A-@' DGI%' CMCIBBJ' &%HB&%@L' DA'DG@' ILAND&A%' A.'M@'@-@' 3@IMC-@M' KJ'DG@' HA%D@3NDCACM' 3I%%@-'&%' FG&HG' G&M' A'@-DC-@M' GIL' K@@%' D-@ID@L'KJ'DG@' &%MC-P@%DMR G@' 3&PGD' .@@B'DGID' DG@' G@I'&@-' NC%&MG3@%D' FIM' LC@' FG@-@' DG@' A..@%L@-M' GIL' IPP-I'ID@L'DG@&-'A-&P&%IB' H-&3@' KJ'DC-%&%P' IFIJ'DG@&-'@I-' .-A3' DG@' I-PC3@%DM' A.'-@IMA%' I%L'DG@' A..@-'A.'HB@3@%HJ' @'@-DG@B@MM' &D' M@@3M' DGID' DG@' N@ANB@' F@-@' CBD&3ID@BJ' MC..@-@L'DA' GI'@' DG@&-'AF%' FIJ'Q DG@&-'-CB@-M' GI'&%P'-@? MDA-@L'D-I%SC&BB&DJ'DA'DG@' HIN&DIB'I%L' '&%L&HID@L' DG@' @%LM' A.'QCMD&H@' DGACPGD' &D' F&M@'N@-GINM'DA'HA%H@L@' DG@' NA&%D' C%L@-'L&MNCD@R I%L'DG@' ILL&D&A%IB' LCDJ'FG&HG' GIL'K@@:' &3NAM@L' KJ'DG@' <AP@' &%' #AC%H&B' A%' IBB' &3NA-D@L' HA-%' FIM' M&B@%DBJ'-@N@IB@L e

<C-&%P' DG@'-@H@%D'L&MDC-KI%H@M'DG@' PA'@-%3@%D' A.'DG@' -@NCKB&H' GIL' .@BD' DG@' %@H@MM&DJ' A.'N-@M@-'&%P' &%' DG@' .IH@' A.' @'@-J' &Q&I%P@-' I' .&& 3' IDD&DCL@' I%L' I' HIB3' HABB@HD@L' L@3@I%AC-' CD' &%' -@IB&DJ'DG@' H&-HC3MDI%H@M' F@-@' MCHG' IM' F@-@' HIBHCBID@L' DA' IFIO@%' DG@' FA-MD' INN-@G@%M&A%M' .A-'DG@' NCKB&H' MI.@DJ' I%L'N@IH@' A-'FG&B@' DG@' 3AK'IM? M@3KB@L'A%' DG@' O&IVVI'FIM' 3ILBJ' HBI&GAC-&%P' .A-'QCMD&H@' I%L' -@L-@MM' L@%AC%H&%P' FI- DIT@M' I%L' FI- N-&H@M' I%L' PIDG@-&%P' .-A3' D&3@' DA' D&3@' &%' BI-P@' P-ACNM' -AC%L' DG@' NIBIH@'F&DG' 3@%IH&%P' H-&@M' I%L' P@MDC-@M' A.'A3&%ACM' M&P? %&.&HI%H@' I' N-&'ID@' SCI--@B'FG&HG' DG-@ID@%@L' DA' &%'AB'@' DG@' 3AMD' M@-&ACM' HA%M@SC@%H@M'GIL' I-&M@%' K@DF@@%' DG@

' 9 '2 Z '7* ' '< / '*' 'D@:' ' ' ' ! ! ' ' ' 'B ' (' ' 4 , ' $ Q 2 Z ' * ' *' D@:

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DFA'@B@HDA-IB' GACM@M' A.'<I%LABA'I%L' &@NABA' G@'N-@H&M@'
A-&P&%' A.'DG&M' LA3@MD&H' .@CL'GIM'NAD'K@@%'MDID@LR' KCD'DGID'
&D' FIM' 3A-@' 'B@MM' &33@L&ID@BJ'HA%%@HD@L'F&DG'DG@'P-@ID'
NA&%D'DG@%' ID'&MMC@'5DG+'-@H@%D'HGI%P@'&%D-ALCH@L'KJ'DG@'
PA'@-%3@%D' &%DA'DG@'HA%&'BIFM'DG@-@'HI%'MHI-H@BJ'K@'I'
LACKD' *D'INN@I-M'DGID'DG@'<I%LAB&'GIL'BA%P'L&MD&%PC&MG@L'
DG@3M@B'@M'KJ'DG@'B&K@-IB'D@%L@%HJ'A.'DG@&-'AN&%&A%M'I%L'
KJ'DG@'MD-A%P'B@I%&%P'FG&HG'DG@J'GIL'ID'IBB'D&3@M'@T?
G&K&D@L'DA'DG@'NANCBI-'M&L@R' &D'FIM'I'B&%@'A.'NAB&D&HM'DA'
FG&HG'DG@'.I3&BJ'3&PGD'NAMM&KBJ'GI'@'K@@%'IDDIHG@L'&%'
I'H@-DI&%'L@P-@@'KJ'DG@&-'AF%'HA%'&HD&A%M'KCD'FG&HG'&D'
3IJ'IBMA'K@'MCMN@HD@L'DG@J'NI-DBJ'HGAM@'.-A3'I3K&D&ACM'
3AD&'@M'I%L'I'H@-DI&%'BA'@'A.'&%L&'&LCIB&DJ' G@'GACM@'
A.'<I%LABA'FIM'-@N-@M@%D@L'&N'DG@'1-@ID'#AC%H&B'ID'DG@'
N@-&AL'DA'FG&HG'F@'I-@'-@.@--&%P'KJ'DFA'K-ADG@-M' @A?
%I-LA'I%L'1&A'I%%&'DG@'MA%M+'A.'1&BK@-DA'<I%LABA'DG@'
H@B@K-ID@L'%I'IB'HA33I%L@-'&%'DG@'1@%A@M@'FI-'FGA'
FIM'MCKM@SC@%DBJ'$@%@D&I%'-@M&L@%D'ID' @P-ANA %DR'DG@M@'
&BBCMD-&ACM' 3@%' M@@3@L'A%BJ'DA'K@'.ABBAF&%P'DG@'D-IL&?
D&A%IB' NAB&HJ'FG@%'DG@J'@MNACM@L'F&DG'V@IBACM'FI%%DG'
DG@'HICM@'A.'DG@&-'NAA-@-'.@BBAF HAC%D-J3@%'I%L'L@N-@?
HID@L'.-A3'DG@&-'M@IDM'&%'DG@' @P&MBIDC-@'DG@'&BB QCLP@L'
A-'&BB IL'&M@L'ICP3@%DID&A%'A.'DG@'HA-% LCDJ' G@'HAC-M@'
DIO@%' KJ'1&A'I%%&'<I%LABA'I%L'G&M'K-ADG@-'%IDC-IBBJ'
K-ACPGD'DG@3'&%DA'GAMD&B@'HABB&M&A%'F&DG'DG@'PA'@-%3@%D'
NI-DJ'ID'DG@'G@IL'A.'FG&HG'MDAAL' A-@%VA' &@NABA'DG@'
MA%'A.'5IHANA'DG@'<AP@'I%L'I'3I%'FGAM@'MCN@-&A-'NI-DM'
.&DD@L'G&3'DA'MG&%@'&%'DG@'G&PG@MD'MDID&A%M' B-@ILJ'&%'
G&M'.IDG@-UM'B&.@D&3@' A-@%VA'GIL'K@@%'H-@ID@L'#AC%D'A.'
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LM ' (D/DE C "#$%&' $' '

$@PB&I ' I' $@%@D&I%' L@N@%L@%HJ' &%' <IB3ID&I ' D' I'BID@-'
N@-&AL ' G@' GIL' .&BB@L' M@'@-IB' L&NBA3ID&H' I%L'ADG@-' D-CMDM '
G@' BIMD' NAMD ' DA' FG&HG' G@' GIL' K@@%' INNA&%D@L ' FIM' DG@'
HA%MCBID@' ID' @P-ANA&&D ' FG&HG' G@' .&@BL' .A-' MA3@' J@I-M '
C%D&B' G@' FIM' -@NBIH@L' KJ' 1&BK @-DA' <I%LABA ' G&3M@B.' I'
%AKB@3I%'A.'DG@' .&-MD' -I%O ' I%L' I'%I ' IB' A..&H@-'A.'%A' 3@I%'
-@NCDID&A%' KCD' I' NAB&D&H&I%' A.' I' F&L@BJ' L&..@-@%D' MHGAAB'
.-A3' G&M' N-@L@H@MMA-' I' -&P&L' I-&MDAH-ID' I%L' @THBCM&A%&MD '
G@' MA%' A.' I' N-&%H@ ' L@M@-'@LBJ' NANCBI-' FGA' GIL' N-@?
M&L@L' A'@-' DG@' HAC%H&BM' A.' G&M' HAC%D-J' LC-&%P' CNFI-LM'
A.' DF@%DJ' J@I-M ' I%L' G&3M@B.' I' N@-MA%' FGAM@' BA%P' I%L'
'IBCIKB@' M@-'&H@M' HA%MD&DCD@L' I' G&PG' I%L' BIMD&%P' HBI&3' DA'
DG@' P-ID&DCL@' I%L' -@MN@HD' A.' G&M' .@BBAF H&D&V@%M ' DG@-@' F@-@'
.@F' FGAM@' HGI%H@M' A.' MCHH@@L&%P' DA' DG@' %@TD' 'IHI%HJ' A.'
DG@' #-AF%' F@-@' MA' P-@ID' IM' DGAM@' A.' A-@%VA' &@NABA'R
I%L'&D' FIM' IPI&%MD' MCHG' I' 3I%' I%L'G&M' %C3@-ACM' .ABBAF@-M '
DGID' DG@' DFA' <I%LAB&' INN@I-' DA' GI'@' .A-3@L' I' -@MABCD&A%'
DA' .&PGD' D+@' N@ANB@UM' KIDDB@ ' I%L' DA' M@HA%L' DG@&-' HBI3AC-'
.A-' -@LCH@L' DITID&A% ' G@' SCI--@B ' GAF@'@-' MAA%' BAMD' &DM'
NCKB&H' HGI-IHD@-' I%L' K@HI3@' I' N@-MA%IB' A%@ ' !'@-J' .-@MG'
H&-HC3MDI%H@' GIL' I' D@%L@%HJ' DA' &%H-@IM@' DG@' 3CDCIB' .@@B?
&%P' A.' I%&3AM&DJ ' D' BIMD ' 3IDD@-M' -@IHG@L' I' H-&M&M ' %@'
LIJ' DG@' DFA' <I%LAB&' 3@D' A-' A'@-DAAO' &@NABA' &%' A%@' A.'
DG@' MD-@@DM' A.'$@%&H@'R I%L' I' MHC..B@' @%MC@L ' &%' FG&HG' DG@'
BIDD@-' -@H@&'@L' I' LI%P@-ACM' FAC%L' I%L' FIM' B@.D' A%' DG@'
P-AC%L' &%' I' MDID@' A.' &%M@%M&K&B&DJi' G@' NI-D&HCBI-M' A.'
DG&M' MGAHO&%P' I%L' MHI%LIBACM' ACD-IP@' MN@@L&BJ' -@IHG@L'
DG@' @I-M' A.' DG@' PA'@-%3@%D ' *D' FIM' A%@' A.' FG&HG' &D

"2 ! N . /5' , * /@D:'Y
7M '7'*'>/@:'Y2Z - *' D@:'Y $

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HACBLʻ %ADʻ IDʻ IBBʻ HA%M&MD@%DBJʻ F&DGʻ &DMʻ AF%ʻ L&P%&DJʻ I%Lʻ DG@ʻ NCKB&Hʻ M@HC-&DJʻ%@PB@HDʻ DAʻ DIO@ʻ &3 3@L&ID@ʻ HAP%&VI%H@ʻ G@ʻ ICDGA-Mʻ A.ʻ DG@ʻ IMMICBDʻ A%ʻ &@NABAʻ F@-@ʻ IHHA-L&%PBJʻ BI&Lʻ C%L@-ʻ Iʻ N@HC%&I-Jʻ.&%@ʻ A.ʻ HA%M&L@-IKB@ʻ I3AC%Dʻ I%Lʻ DG@&-ʻ -I%Oʻ I%Lʻ NANCBI-&DJʻ N-AKIKBJʻ .C-%&MG@Lʻ DG@ʻ A%BJʻ -@IMA%ʻ FGJʻ DG@ʻ A..@%H@ʻ A.ʻ DG@ʻ <I%LA& FIMʻ %ADʻ '&M&D@Lʻ F&DGʻ@'@%ʻ P-@ID@-ʻ M@'@-&DJ

G@M@ʻ&%D@MD&%@ʻL&MA-L@-Mʻ I%Lʻ DG@ʻ LI%P@-ACMʻ MJ3NDA3Mʻ FG&HGʻ HA%D&%C@Lʻ DAʻ 3I%&.@MDʻ DG@3M@B'@Mʻ &%ʻ DG@ʻ NANCBI-ʻ 3&%Lʻ HA3K&%@Lʻ DAʻ -@%L@-ʻ DG@ʻ $@%@D&I%ʻ PA'@-%3@%Dʻ @T? H@@L&%PBJʻ I%T&ACMʻ D_ʻ D@-3&%ID@ʻ DG@ʻ FI-ʻ I%Lʻ 3IL@ʻ &Dʻ DG@ʻ 3A-@ʻ-@ILJʻ DAʻ B@%Lʻ@I-ʻ DAʻ DG@ʻ NIH&.&Hʻ MCPP@MD&A%Mʻ I%Lʻ A'@-? DC-@Mʻ FG&HGʻ N-AH@@L@Lʻ .-A3ʻ DG@ʻ HAC-DMʻ A.ʻ "-I%H@ʻ I%Lʻ ;A3@ʻ 1@%AIʻ GAF@'@R-ʻ MD&BBʻ NBIH@Lʻ AKMDIHB@Mʻ &%ʻ DG@ʻ FIJʻ A.ʻ Iʻ M@DDB@3@%Dʻ A.ʻ DG@ʻ L&..@-@%H@Rʻ DG@ʻ M&DD&%PMʻ A.ʻ DG@ʻ #A%? P-@MMʻ FG&HGʻ &%ʻ L@.@-@%H@ʻ DAʻ DG@ʻ QA&%Dʻ F&MG@Mʻ A.ʻ AC&Mʻ I%Lʻ G&Mʻ :AB&%@MMʻ GILʻ K@@%ʻ AN@%@Lʻ IDʻ $&D@-KAʻ .A-ʻ DG@ʻ NC-? NAM@ʻ F@-@ʻ A.ʻ DG@ʻ 3AMDʻ C%N-ALCHD&'@ʻ I%Lʻ C%M&+&M.IHDA-Jʻ HGI-IHD@-Rʻ I%Lʻ IBDGACPGʻ &Dʻ FIMʻ H@-DI&%BJʻ NAMM&KB@ʻ DGIDʻ MA3@DG&%Pʻ 3&PGDʻ CBD&3ID@BJʻ K@ʻ LA%@ʻ DAFI-Lʻ DG@ʻ IDDI&%? 3@%Dʻ A.ʻ DG@ʻ L@M&-@Lʻ AKQ@HDʻ DG@-@ʻ FIMʻ IDʻ N-@M@%Dʻ @'@-Jʻ N-AKIK&B&DJʻ DGIDʻ DG@ʻ IDD@3NDʻ DAʻ @MDIKB&MGʻ Iʻ D-@IDJʻ A%ʻ Iʻ KIM&Mʻ A-ʻ A%ʻ HA%L&D&A%Mʻ IHH@NDIKB@ʻ DAʻ KADGʻ DG@ʻ HA%D-IHD&%Pʻ NI-D&@Mʻ FACBLʻ N-A'@ʻ C%MCHH@MM.CB

G@ʻ <AP@ʻ >@%Aʻ IDʻ B@IMDʻ B&'@Lʻ %ADʻ DAʻ F&D%@MMʻ MAʻ GINNJʻ Iʻ -@MCBD A.ʻ G&Mʻ L&NBA3ID&Hʻ @T@-D&A%Mʻ GA-DBJʻ I.D@-ʻ DG@ʻ MCNN-@MM&A%ʻ A.ʻ DG@ʻ K-@IL -&ADʻ A.ʻ FG&HGʻ F@ GI'@QCMDʻ %I-

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& ʻ4 , ʻ] ʻB ʻb ʻ ʻ (

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D@%L@L MA 3CHG DA IHH@B@-ID@ DG@ N-AP-@MM A. $@%@D&I% H&'&B&VID&A% >@%A B@.D %A HG&BL-@%' %A- GI'@ F@ I%J P-AC%L .A- MCNNAM&%P DGID G@@'@- @%D@-@L &%DA DG@ 3I? D-&3A%&IB MDID@ :&M K-ADG@- I-HA GAF@'@- A. FGA3 F@ GI'@ IB-@ILJ GIL AHHIM&A% DA MN@IO MC-'&'@L G&3 I%L N-AKIKBJ MCHH@@L@L DA DG@ .I3&BJ @MDIDh G&M I-HA FIM I L&NBA3ID&MD IM F@BB IM I%I'IB A..&H@- A. MA3@ %AD@R G@ FIM A%@ A. DGAM@ FGA GIL M@-'@L ID -INI%& C%L@- 1&IHA3A <I%LABA +

<C-&%P DG@ FI-M A.'DG@ -@NCKB&H &%' DG@ D&3@ A. &@NABA I%L A-AM&%&'DGN BID@ LAP@ GIL IBMA NBIJ@L I% IHD&'@ I%L 3@-&DA-&ACM NI-D HHA-L&%P DA <I%LABA DG@ HG-A%&HB@- G@ FIM @%D-CMD@L F&DG DG@ HA33I%L A. DG@ @TN@L&D&A%' FG&HG FIM M@%D DA -@HA'@- >I-I &%' A- DG@-@IKACD .-A3 DG@ GI%LM A. DG@ :C%PI-&I%M e FA J@I-M I.D@-? FI-LM G@ FIM L@NCD@L &L'HA%QC%HD&A% F&DG I-&%A A-A? M&%& I%L I-&%A LI #I%IB@ DA -@N-@M@%D DG@ &P%A-J ID DG@ 1@%@-IB #AC%H&B IMM@3KB@L KJ*%%AH@%D*$ I+ JA%M F&DG DG@ AKQ@HD A. DIO&%P &%DA HA%M&L@-ID&A% H@-DI&% SC@MD&A%M A. G&PG &3NA-D DACHG&%P DG@ @T&MD&%P -@BID&A%M K@DF@@% DG@ @3N&-@ I%L DG@ :ABJ @@ G@ DIB@%DM I%L I3K&D&A% A. G&M BID@ @-@%&DJ 3A-@ NI-D&HCBI-BJ BIJ GAF@'@- &% I L&..@-@%D L&-@HD&A% %B&O@ 3I%J A. G&M HAC%D-J3@% I%L HA3NI%&A%M &% I-3M >@%A FIM %AD I 3@-@ MABL&@- A- Z&% DG@ HA33A% IHH@NDID&A% A.'DG@ D@-3[@'@% I 3@-@ MDID@M3I% :@ IMN&-@L DA MA3@DG&%P K@JA%L DG@ %I--AF MNG@-@ A. @'@-J LIJ NAB&D&HM "A- GI'&%P &% G&M @I-B&@- J@I-M L@'AD@L HA%M&L@-IKB@ IDD@%D&A% DA DG@ MDCLJ A.'DG@ BIFM I%L &%MD&DCD&A%M A. G&M HAC%D-J G&M B@PIB

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IDDI&%3@%DM F@-@ A. %A A-L&%I-J O&%L R I%L FG@% A%DG@ L@H@IM@ A. A-AM&%&G@ FIM NBIH@L IDDG@ G@IL A. I..I&-M G@ GIL BAMD%A D&3@ &% INNBJ&%P DG@O%AFB@LP@ FG&HG G@ DGCM NAMM@MM@L DA @%LM A. NCKB&H I%L N-IHD&HIB CD&GDJ G@ SCIB&.&HID&A%M A. >@%A IM I BIFJ@-IKL QC-&MHA%MCBD 3&PGD GI'W K@@% I%L N-AKIKBJ F@-@ .I'AC-IKB@ DA G&M IL'I%H@? 3@%D &% DG@ DID@R KCD DG@-@ Hz&% K@ %A LACKD DGID &D &M A% DG@&3NA-DI%D BIF -@.A-3M A. FG&HG G@ FIM DG@ ICDGA- DGID G&M D&DB@ DA NAMDGC3ACM .I3@ 3CMD N-&%H&NIBBJ -@MD %L F@ 3IJ MI.@BJ IMMC3@ DGID %ADF&DGMDI%L&%P DG@ @%A-3ACM BIKAC- FG&HG GIL K@@% IB-@ILJ K@MDAF@L A% DG@ L&P@MD&A% I%L HAL&.&HID&A% A. DG@ DIDCD@M KJ ADG@- @3&%@%D B@P&MDM I%L DG@ HBAM@ IDD@%D&A% FG&HG DG@J GIL P&'@% DA @'@-J K-I%HG A. DG@ MCKQ@HD DG@-@ MD&BB -@3I&%@L 3CHG FG&HG I %@F &%SCSR@- FACBL .&%L DA K@ ILL@L 3CHG DA K@ DIO@% IFIJ 3CHG IPI&% DGID -@SC&-@L HA%? MAB&LID&A% I%L -@'&M&A% "A- &% D-CDBi DG@ FGAB@ KALJ A. DG@ $@%@D&I%'H&' I%L HI%A% BIF N-@M@%D@L I .&@BL DAA 'IMD DA K@ D-I'@-M@L I%L @TNBA-@L KJ A%@ &%L&'&LCIB A- ID A%@ D&3@ DG@ DIMO FG&HG GIL K@@% MA IKBJ HA33@%H@L KJ 5IHANA &@NABA FIM A. MCHG I%IDC-@ DGID &D HACBL K@ A%BJ DGA-ACPGBJ IHHA3NB&MG@L KJ I MCHH@MM&A% A. BIKAC-@-M IBB @SCIBBJ @I-%@MD I%L @SCIBBJ HA3N@D@%DR I%L &D FIM %AD DAA 3CHG DA N-@L&HD DGID K@.A-@ &D FIM K-ACPGD DA N@-.@HD&A% M@'@-IB P@%@-ID&A%M A. 3@% FACBL GI'@ NIMM@L IFIJ

G@ BID@ LAP@ FGA GIL IMH@%L@L DG@ DG-A%@ &% 5I%CI-J FIM ID DG@ D&3@ A. G&M L@H@IM@ IB-@ILJ @%D@-&%P A% DG@ M@'@%D@@%DG J@I- A. G&M -@&P% G@ MA3@FGID B@%PDG? @%@L N@-&AL A. >@%AUM IL3&%&MD-ID&A% IB3AMD HA%MDI%DBJ

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DG-AF% IH-AMM DG@ K-AIL HI%IB FG&HG L&'&L@L DG@ HIN&DIB &%DA DFA NI-DM IM F@BB IM &%DA DFA QC-&ML&HD&A%M R DG@ K-&LP@ FIM A. FAAL@% HA%MD-CHD&A% R I%L .-A3 DG@ H&-? HC3MDI%H@ A.Q&IMM@%P@-M GI'&%P K@@%N-@'&ACMBJ AKB&P@L DA NIJ I .&T@L HGI-P@ I K A- DG@ .AC-DG NI-D A. I N@%%J DA DG@ FID@-3I% FGA .@--&@L DG@3 A'@- DG@ HI%IB DG@ %@F @-@HD&A% -@H@&'@L DG@ %I3@ A. DG@ 2 I %I3@ DAB@-IKBJ .I3&B&I- DA !%PB&MG @I-M

*% DG@ MCHH@@L&%P HGIND@- F@ MGIBB D-@ID A. DG@ @'@%DM FG&HG .ABBAF@L DG@ L@IDG A. ; @%&@-A >@%A A. DG@ HGI%P@M FG&HG F@-@ &%D-ALCH@L LC-&%P DG@ 'IHI%HJ A. DG@ #-AF% &%DA DG@ HA%MD&DCD&A% A. DG@ !B@HDA-IB #ABB@P@ I%L A. DG@ 3I%%@- &% FG&HG DG@ L&..@-@%H@ K@DF@@% DG@ -@NCKB&HM A. $@%&H@ I%L 1@%AI FIM .&%IBBJ ILQCMD@L

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DG@' DG-@@' M@%&A-' 3@3K@-M' A.' DG@' #AC-D' A.' #-&3&%IB'
NN@LB' ' ID' A%H@' &%MDIBB@L' DG@3M@B'@M' &%' DG@'NIBIH@' DG@'
ICDGA-&DJ' I%L' N-@-APID&'@' A.' DG@' #-AF%' K@&%P'KJ' I' BIF'
@%IHD@L' &%' 5< ' '@MD@L' QA&%DBJ' &%' DG@&-' GI%LM' D&BB' DG@'
-@MCBD' A.' DG@' INN-AIHG&%P' @B@HD&A%M' FIM' 3IL@' O%AF%'
M' GAF@'@-' DG@-@' FIM' P-AC%L' .A-' MCNNAM&%P' DGID' I'
.A-D%&PGD'A-'@'@%' DG-@@'F@@OM' 3&PGD'@BINM@'K@.A-@'>@%AUM'
MCHH@MMA-' FIM' %I3@L+' DG@' O-A'&M&A%IB' !T@HCD&'@' L@D@-?
3&%@L' ID' &DM' .&-MD' M&DD&%P'DA' INNA&%D' LC-&%P' DG@' &%D@-?
-@P%C3' &HABA' &HG&@B&' DG@' M@%&A-' O-&'J' #AC%H&BBA-+'
$&H@ LAP@' A.' DG@' -@NCKB&H' F&DG' NB@%I-J' NAF@-M' I%L' QC?
-&ML&HD&A%' G&M' HA&CM@' .A-' FG&HG' DG@-@' FIM' %A' FI%D' A.'
N-@H@L@%D' N-@M@%D@L' 3I%J' IL'I%DIP@M' CD' DG@' NA&%D'
FG&HG'&%' DG@' N-@M@%D' &%MDI%H@' N-AKIKBJ' -@HA33@%L@L' &D'
3A-@' NI-D&HCBI-BJ' DA' ILAND&A%' FIM' DGID' &D' N-@M@-'@L' DA'
DG@' PA'@-%3@%D' &DM' C%&DJ' I%L' H@%D-IB&VID&A%' FG&HG'C%L@-'
I'#A33&MM&A%'FACBL'GI'@' K@@%'%@H@MMI-&BJ' MIH-&.&H@L'I%L'
FG&HG'C%D&B' DG@' .@-3@%D' H-@ID@L' &%' DG@' NANCBI-' 3&%L' KJ'
DG@' HA-%' SC@MD&A%' GIL' DGA-ACPGBJ' MCKM&L@L' FACBL' HA%?
D&%C@' DA' K@' @MM@%D&IB' DA' &DM' MDIK&B&DJ

G@' @B@HD&A%' A.' I' %@F' LAP@' FIM' &%' .IHD' I' 3IDD@-' A.'
FG&HG' &D' FIM' IB3AMD' &3NAMM&KB@' DA' -ID@' DAA' G&PGBJ' DG@'
3IP%&DCL@' I%L' &3NA-DI%H@' *D' FIM' DG@' &%'@MD&DC-@' A.' I'
M&3NB@' 3@3K@-' A.' DG@' HA33A%F@IBDG' F&DG' I%' ICDGA-&DJ'
%AD' C%-@MD-&HD@L' &D' FIM' D-C@' J@D' BAAM@BJ' L@.&%@L' I%L' &%'
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ICDGA-&DJ‘ K@M&L@M‘ FG&HG‘G@‘ 3&PGD‘ F&@BL‘ .A-‘ PAAL‘ A-‘ .A-‘ @'&B‘ .A-‘ I‘ D@-3‘ N@-GINM‘ A.‘ I‘ SCI-D@-‘ A.‘ I‘ H@%DC& ‘ .‘ &%MDI%H@M‘ &%L@@L‘ &%‘ FG&HG‘ DG@‘ MI3@‘ &%L&'&LCIB‘ GIL‘ G@BL‘ DG@‘ -@&%M‘ A.‘ PA'@-%3@%D‘ LC-&%P‘ DF@%DJ‘ I%L‘ .&'@ I%L‘ DF@%DJ‘ J@I-M‘ DG@-@‘ F@-@‘ M@'@-IB‘ A%‘ -@HA-LR I%L‘ &D‘ FIM‘ -@3@3K@-@L‘ DGID‘ A%@‘ N-&%H@‘ <A3@%&PA‘ #A%DI-&%&‘ GIL‘ -@&P%@L‘ .-A3‘ E‘ DA‘ / ‘ I‘ N@-&AL‘ A.‘ %@I-BJ‘ DG&-DJ‘ J@I-M‘ *D‘ FIM‘ %AD‘ C%%IDC-IB‘ DG@-@.A-@‘ DGID‘ DG@‘ B@P&M? BID&'@‘ KALJ‘ MGACBL‘ .@@B‘ DGID‘ DG@‘ DIMO‘ FG&HG‘ L@'AB'@L‘ A%‘ DG@3‘ ID‘ @IHG‘ L@3&M@‘ A.‘ DG@‘ #-AF%‘ FIM‘ A%@‘ A.‘ DG@‘ P-I'@MD‘ -@MNA%M&K&B&DJ‘ *D‘ A..@-@L‘ I‘ HIM@‘ &%‘ FG&HG‘ I‘ .IBM@‘ MD@N‘ HACBL‘ %AD‘ K@‘ DIO@%‘ F&DGACD‘ DG@‘ M@'@-@MD‘ N-@QCL&H@‘ DA‘ DG@‘ %ID&A%IB‘ &%D@-@MDM‘ A-‘ &%‘ DG@&-‘ NIMD‘ G&MDA-J‘ DG@‘ $@%@D&I%M‘ 3&PGD‘ .&%L‘ I3NB@‘ N-AA.‘ DGID‘ &D‘ FIM‘ .I-‘ @IM&@-‘ DA‘ H-AF%‘ I‘ N-&%H@‘ DGI%‘ DA‘ C%H-AF%‘ G&3R I%L‘ DG@&-‘ @I-BJ‘ I%%IBM‘ IBMA‘ MG@F@L‘ GAF‘ &%HIBHCBIKBJ‘ N@-%&H&ACM‘ 3&PGD‘ K@‘ DG@‘ HA%M@? SC@%H@M‘ A.‘ I‘ GIMDJ‘ I%L‘ &3N-AN@-‘ HGA&H@‘ %L@-‘ MCHG‘ H&-HC3MDI%H@M‘ DG@%‘ &D‘ FIM‘ %A‘ 3IDD@-‘ A.‘ FA%L@-HDGID‘ DG@‘ PA'@-%&%P‘ HBIMM‘ ID‘ B@IMD‘ MGACBL‘ K@‘ I%T&ACM‘ DA‘ M@HC-@‘ DG@‘ @T@-H&M@‘ A.‘ I‘ 3IDC-@‘ I%L‘ &3NI-D&IB‘ QCLP3@%D‘ &%‘ DG@‘ @B@H? D&A%‘ A.‘ DG@‘ HG&@.‘ 3IP&MD-ID@‘ A.‘ DG@‘ -@NCKB&H‘ I%L‘ DA‘ -@%L@-‘ DG@‘ N-AH@MM‘ IM‘ B&DDB@‘ AN@%‘ IM‘ NAMM&KB@‘ DA‘ K-&K@-J‘ I%L‘ ADG@-‘ HA--CND‘ N-IHD&H@MR F@‘ MGIBB‘ .&%L‘ DGID‘ DG@‘ @T@-D&A%M‘ A.‘ DGID‘ HBIMM‘ GIL‘ IBFIJM‘ .-A3‘ D&3@‘ &33@3A-&IB‘ K@@%‘ NA&%D&%P‘ &%‘ DG@‘ MI3@‘ L&-@HD&A%‘ *D‘ FIM‘ A%‘ DG&M‘ IHHAC%D‘ I%L‘ I'AF? @LBJ‘ A%‘ DG&M‘ IHHAC%D‘ A%BJ‘ DGID‘ &%‘ EE‘ <A3@%&PA‘ "BIK@%&PA‘ DG@‘ HG&@.‘ A.‘ DG@‘ I-&MDAH-ID&H‘ NI-DJ‘ &%‘ G&M‘ D&3@‘ N-ANAM@L‘ DA‘ -@MH&%L‘ DG@‘ N-@MH-&ND&'@‘ -&PGD‘ A.‘ DG@‘ LAP@‘ DA‘ IMMAH&ID@‘ G&M‘ HG&BL-@%‘ I%L‘ DA‘ %A3&%ID@‘ G&M‘ MCHH@MMA-‘ *D‘ FIM‘ F&DB&‘ YDG@‘ MI3@‘ AKQ@HD‘ DGID‘ I‘ H@%DC-J‘ I%L‘ I‘ GIB.‘ BID@-

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.&-MD NBIH@ DG ID HBICM@M MGACBL K@ &%D-ALCH@L &%DA DG@ O-A?
3&MM&A%@ A- #A-A%ID&A% IDG K&%L&%P DG@ LAP@ A% G&M @B@H?
D&A% DA -@B&%SC&MG I%J HA3 3@-H&IB I 'AHID&A%M &% FG&HG
G@ 3&PGD N-@ '&ACMBJ GI '@ K@@% @%PIP@L I%L DA IKMDI&%
.-A3 HI--J&%P A% I%J D-IL@ A% G&M AF% K@GIB. @&DG@-
L&-@HDBJ A- &%L&-@HDBJ HA%.&%&%P G&3 &A DG@ @T@-H&M@ A.
DG@ ICDGA-&DJ '@MD@L &% G&3 KJ DG@ BIFM I%L DGh HA%MD&?
DCD&A% I%L E 3IO&%P &D AKB&PIDA-J A% G&M @-@%&DJ DA
HA3 3C%&HID@ F&DGACD C%%@H@MMI-J L@BIJ DA DG@ O-&'J
#AC%H&B I%J &%.A-3ID&A% FG&HG 3&PGD -@IHG G&3 DG-ACPG
N-&'ID@ HGI%%@BM A- FG&HG G@ 3&PGD N@-MA%IBBJ -@H@&'@
-@PI-L&%P D-@ID&@M F&DG .A-@&P% OAF@-M NBADM A- M@H-@D
3IHG&%ID&A%M IPI&%MD DG@ DID@ I%L ADG@- 3IDD@-M I.&@HD
&%P DG@ NCKB&H F@B.I-@ I%L &%D@-@MDM @HA%LBJ DG@ AI-L
N-ANAM@L DG@ H-@ID&A% A. I %@F L&P%&DJ &% DG@ INNA&%D?
3@%D A. I 1-I%L #GI%H@BBA- A. DG@ ; @NCKB&H FG&HG &D
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A..&H@ A. &%.@-&A- &3NA-DI%H@ FG&HG FIM A. HA%M&L@-IKB@
I%D&SC&DJ &% $@%&H@ DGID A. DGW A-
O@@N@- A. DG@ LAP@UM N-&'J M@IB G@ INNA&%D3@%D A. DG@
1-I%L #GI%H@BBA- + FG&HG FIM .A- B&.@ FIM DA K@ 3IL@
@THBCM&'@BJ .-A3 DG@ -I%OM A. DG@ A- M@HA%L
!MDID@R NID-&H&I%M F@-@ %AD @B&P&KB@ .A- DG@ HGI-P@ GACPG
%AD I %AKB@ DG@ #GI%H@BBA- FIM DA @%QAJ IBB DG@ N-&'&B@P@M
A. %AK&B&DJ I%L DA -I%O KJ '&-DC@ A. G&M A..&H@ IM I
3@3K@- A. DG@ @SC@MD-&I% A-L@- % NCKB&H AHHIM&A%M

G'! , , '% ! 4 $! '
2 7 , ! :Y A '$ *
* @<+ #$%Y 2 6 * ;! 3 # * *
* =. @:Y ' * , * @>=:Y2 ,
,m > =0 :

: = D< [0"2 A1V A3 PB"$ >D /

G@ FIM DA 5IO@ N-@H@L@%H@ A. IBB M@%IDA-M I%L 3IP&MD-ID@M F&DG DG@ @TH@ND&A% A. DG@ O-&'J #AC%H&BBA-M I%L DG@ O-A? HC-IDA-M A. I&%D I-O &O@ DG@ LAP@ G&3M@B. I%L DG@ #ABB@P@ G@ FIM DA F@I- DG@ -AG@ A. NC-NB@ : &M D&DB@ FIM DA K@ >A G@ P-@ID M@IB A. $@%&H@ FIM DA K@ NBIH@L C%L@- DG@ HI-@ A. DG@ 1-I%L #GI%H@BBA-R I%L %A NAB&D&HIB M@H-@DM %A HA33C%&HID&A%M @'@% A. DG@ 3AMD HA%.&L@%D&IB HGI-IHD@- .-A3 .A-@&P% @3KIMM&@M A- HAC-DM F@-@ DA K@ F&DGG@BL .-A3 G&M O%AFB@LP@ : @ FIM DA GI'@ I M@ID &% DG@ 1-@ID I%L IBB ADG@- #AC%H&BM G@ MIBI-J A. DG@ A..&H@ FIM DA K@ .&T@L ID E LCHIDM I J@I-R DGACPG &D M@@3M DA GI'@ K@@% @MD&3ID@L DGID @3ABC3@%DM I-&M&%P .-A3 'I-&ACM MAC-H@M FACBL -I&M@ &D DA I 3CHG G&PG@- I3AC%D &DG MCHG NAF@-M I%L MCHG IL'I%? DIP@M DG@ NAM&D&A% A. DG@ #GI%H@BBA- FIM A%@ FG&HG 3&PD F@BB K@ @%'&@L CD &D N-@M@%D@L A%@ L-IFKIHO *% IBBAF&%P DG@ DA HGAAM@ MA P-@ID I L&P%&DI-J ACD A. D(&@&- AF% KALJ DG@ I-&MDAH-ID&H NI-DJ A- DG@ A-PI%M A. DGID NI-DJ HA%H@&'@L DGID DG@J GIL 3IL@ %A A-L&%I-J HA%H@MM&A% : @-@ DG@J L@D@-3&%@L DA MDANR I%L FG&B@ DG@J N-A%AC%H@L DG@ %@F A..&H@- HA3N@D@%D DA+ IDD@%L @'@-J M&DD&%P A. DG@ @P&MBIDC-@ DG@J L@%&@L G&3 I L@B&K@-ID&'@ 'A&H@ &% DG@ IMM@3KBJ GCM G@ FIM DA K@ B&DDB@ 3A-@ DGI% I 3CD@ MN@HDIDA- A. DG@ N-AH@@L&%PM GI'&%P %@&DG@- B&K@-DJ DA A..@- G&M AN&%&A% A- DA -@HA-L G&M MC..-IP@ %L IPI&% IBDGACPG G@ FIM DA K@ M@B@HD@L

Q 5 * ≠ * %≠ ! , % $ ' ' & ' ' ! ' & ! %

' '$ '7% . ' /I , ' *' < :' 2 '7* ', ' * <=<:' 1 ' '7 ' **' 0 >:' 2 ' / ' * ' *' > :' 2

E,8 ' ' # ! ' ' ,8

.-A3 ' DG@ ' BAF@-' ! MDID@ ' DG@ ' %A3&%ID&A%' A.' DG@ ' #GI%H@BBA-' FIM' 3IL@ ' DA' -@MD' F&DG' DG@ ' 1-@ID' #AC%H&B ' G@ ' HGA&H@ ' A.' DG@ BIDD@-' .@BB ' &%' DG@ ' .&-MD' &%MDI%H@ ' A%' #A--ILA' <CHIDA ' FGA ' IM' F@ ' PIDG@-' .-A3 ' I ' NIMMIP@ ' &%' I%MA'&%A ' GIL' .A-3@-BJ' .&BB@L' DG@ ' NAM&D&A%' A.' #I%H@BBI-&CM' <CHIB&M ' I%L' FGAM@ ' INNA&%D3@%D ' F@ ' I-@ ' B@.D' DA' HA%HBCL@ ' FIM' -ID&.&@L' A%' A-' K@.A-@ ' DG@ ' DG'5CBJ ' ,8 ' IM' DG@ ' .&-MD' 3@%D&A%' A.' G&M' %I3@ ' &%' DG@ ' -HG&'@M' AHHC-M' A%' DGID' LID@ +

G@ ' %@TD' NA&%D ' DA' FG&HG' DG@ ' #A--@DDA-&' GIL' L&-@HD@L' DG@&-' IDD@%D&A% ' FIM' DG@ ' 3I%%@-' I%L' .A-3' A.' DG@ ' LCHIB' @B@HD&A%M ' G@ ' NIN@- ' @3KALJ&%P' DG@ ' NBI%' MCPP@MD@L' .A-' .CDC-@ ' ILAND&A%' KJ' DG@ ' AI-L ' FIM' -@IL' &%' AN@%' --@%PA' KJ' DG@ ' %@F' #GI%H@BBA-' <CHIDA ' G@ ' N-AH@MM ' FG&HG' &D' M@D' .A-DG ' FIM' M&%PCBI-BJ' HA3NB&HID@L' I%L' &%P@%&ACM' ' %A-' FIM' &D' F&DGACD' I ' H@-DI&%' L@P-@@' A.' MAB@3%&DJ ' M' I ' N-@? B&3&%I-J' 3@IMC-@ ' DG@ ' JAC%P@MD' A.' DG@ ' O-&'J' #AC%H&BBA-M' FIM' DA' K@ ' HGI-P@L' DA' N-AH@@L' DA' DG@ ' HIDG@L-IB' A.' I&%D' I-O ' I%L' DG@-@ ' DA' A..@-' CN' I ' .@-'@%D' N-IJ@ ^' DA' DG@ ' B3&PGDJ ' &%'AO&%P' : &M' <&'&%@ ' B@MM&%P' A%' DG@ ' INN-AIHG? &%P' H@-@3A%J ' G@ ' 1-@ID' #AC%H&B' FIM' DG@%' DA' K@ ' HA%? '@%@L ' &%' IHHA-LI%H@ ' F&DG' DG@ ' N-@MH-&K@L' .A-3M'R I%L' DG@ ' : ACM@ ' GI '&%P' K@@%' HAC%D@L ' MCHG' &%' DG@ ' : IBB' A.' MM@3KBJ ' IM' F@-@ ' IMH@-DI&%@L' %AD' DA' GI '@ ' -@IHG@L' DG@&-' DG&-D&@DG' J@I- ' F@-@ ' DA' K@ ' -@SC&-@L' DA' F&DGL-IF ' G@ ' -@MD' -@MAB'@L' DG@3M@B'@M' &%DA' I ' HA33&DD@@ ' A.' @B@HD&A% ' CD' A.' DG@ ' FGAB@ ' %C3K@-' N-@M@%D ' DG&-DJ' F@-@ ' %@TD' DA' K@ ' HGAM@%' KJ' KIBBADR' I%L' &%' DG&M' HIM@ ' DG@ ' 3I%%@-' A.' N-AH@@L&%P' FIM' MC.

' ' ' ' 0 % ' ! ' ' " #' ' ' ' * ' ' * ' @ :' 2 '
' ! ' $ ' ' % ' & ' % ' ' ' ' * ' ' * '=D@:
= #$ ' ' ' ' > =' 2 ' '

.&H&@%DBJ M&3NB@ M 3I%J KIBBM A. FIT IM DG@-@ 3&PGD K@ 'AD@-M GI '&%P K@@% L@NAM&D@L &% I% C-% I KAJ A. D@%L@- J@I-M FGA GIL K@@% N-@'&ACMBJ DIO@% ID -I%LA3 .A- DG@ NC-NAM@ I3A%P DG@ JACDG.CB BAC%P@-M A. DG@ ;&IBDA L-@F DG@3 ACD M@'@-IBBJ I%L L@B&'@-@L A%@ DK @IHG 3@3K@- &% G&M N-AN@- DC%% MD-&N A. NI-HG3@%D A% FG&HG FIM F-&DD@% DG@ ((%5> FIM IDDIHG@L DA DG&-DJ A. DG@ KIBBM DG@M@ &%L&HID@L DG@ .I'AC-&D@M A. .A-DC%@

G@ DG&-DJ F@-@ DG@% DA -@D&-@ &%DA I N-&'ID@ INI-D3@%D I%L DA -@LCH@ DG@3M@B'@M KJ I M&3&BI- N-AH@MM DA %&%@ J I 3IQA-&DJ A. ID B@IMD M&T 'AD@M DG@ &%@ HGAM@ &% DG@&- DC-% .A-DJR DG@ "A-DJ ? -@LCH@L KJ BAD DA DF@B'@ G@ F@B'@ %@TD %A3&%ID@L KJ I 3IQA-&DJ A. %&%@ MC.? .-IP@M DF@%DJ .&'@ FGA F@-@ -@LCH@L IPI&% DA %&%@ J I 3IQA-&DJ A. M@'@% MC.&&UIP@M DG@ &%@ @B@HD@L .A-DJ .&'@ FGA F@-@ -@LCH@L DA @B@'@% %L .&%IBBJ DG@ !B@'@% FACBL N-AH@@L N% DG@&- NI-D DA %A3&%ID@ DG@ "A-DJ A&7@ FGA F@-@ DA .A-3 DG@ !B@HDA-IB #ABB@P@R *D FIM %@H@MMI-J DG ID DG@ LAP@ @B@HD MGACBL B&KDI&% ID B@IMD .&'@ IAL DF@%DJ 'AD@M ACD A. DG@ IKA'@ 3@%D&A%@L %C%IK@-

@ 3IJ PIDG@- .-A3 &%D@-%IB @'&L@%H@ DG ID DG@ M@%M@ A. DG@ --@%PA GIL IB-@ILJ K@@% DIO@% &% -@PI-L DA DG@ H-@ID&A% A. DGW L&P%&DJ A. : &PG #GI%H@BBA- &% .I'AC- A. #A--ILA <CHIDAR DG ID IMM@3KBJ IHSC&@MH@L F&DG @SCIB -@IL&%@MM &% DG@ HGI%P@M FG&HG &D FIM N-ANAM@L KJ DG@ #A--@HDA-M DA &%D-ALCH@ &%DA DG@ @B@HDA-IB MJMD@3R IN? NBICL&%P IHHA-L&%P DA DG@ MDID@3@%D A. I HA%D@3NA-I-J F-&D@- +d DG@ DG&%PM FG&HG DGAM@ F&M@ 3@% GIL LA%@ k *% DG&M HA%.&L&%P L&MNAM&D&A% F@ 3IJ NI-DBJ -@IL DG@ G&MDA-J

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A.' DG@' @I-BJ' A'@-DG-AF' A.' NANCBI-' B&K@-DJ' &%' $@%&H@' I%L' A.' DG@' -IN&L' IMH@%LI%HJ' A.' I-&MDAH-ID&H' &%MD&DCD&A%M

G@' #ABB@P@' A.' "A-DJ %@' DG@' A-PI%&VID&A%' A.' FG&HG' GIL' DGCM' K@@%' IHHA3NB&MG@L' KJ' I' N-AH@MM' IB3AMD' C%?NI-IBB@B@L'&%' NA&%D' A.' &%D-&HIHJ' N-AH@@L@L' I.D@-' DIO&%P' DG@' HCMDA3I-J' AIDGM' &%' DG@' N-@M@%H@' A&Ú DG@' $&H@ LAP@' &HG&@B&'DA' IHSC&D' DG@3M@B'@M' A.' DG@' A%@-ACM' I%L' -@MNA%?M&KB@' DIMO' FG&HG' GIL' L@'AB'@L' A%' DG@3R DG@&-' L@B&K@-I?D&A%M' @TD@%L@L' A'@-' M@'@-IB' LIJMR' I%L' DG@J' CBD&3ID@BJ' .&T@L' DG@&-' HGA&H@' A%' A-@%VA' &@NABA' FGA' GIL' IB-@ILJ' PI&%@L' I' P-@ID' %I3@' KJ' G&M' '&HDA-J'A'@-' DG@' 1@%A@M@' I%L' KJ' ADG@-' @TNBA&DM' G@' @B@HD&A%' A.' &@NABA' FIM' I%%AC%H@L' DA' DG@' N@ANB@' A%' A%LIJ' DG@' E-L' A.' 5CBJ' ,8' I' .A-D%&PGD' I.D@-' DG@' .C%@-IB' A.' G&M' N-@L@H@MMA-' G@' I%?%AC%H@3@%D' M@@3M' DA' GI'@' P&'@%' P@%@-IB' MID&M.IHD&A%' J@D' &D' &M' %AD' SC&D@' @IMJ' DA' C%L@-MDI%L' GAF' DG@' @B@'ID&A%' A.' I' 3I%' FGA' B&O@' DG@' MCHH@MMA-' A.' >@%A' FIM' DG@' IHO%AF?B@LP@L' HG&@.' A.' DG@' I-&MDAH-ID&H' NI-DJ' HACBL' K@' '&D@F@L' &%' I%J' ADG@-' B&PGD' DGI%' DGID' A.' I' L@.@ID' KJ' DG@' 3@3K@-M' A.' DG@' NANCBI-' NNAM&D&A%

M' MAA%' IM' DG@' HGA&H@' A.' DG@' #ABB@P@' GIL' K@@%' HA%?.&-3@L' KJ' DG@' N@ANB@' I' MAB@3%' L@NCDID&A%' N-AH@@L@L' DA' DG@' N-&'ID@' -@M&L@%H@' A.' &@NABA' ID' I%' PAMD&%A' &%' DG@' FI-L' A.' #IMD@BBA' FG@-@' G&M' .IDG@-' 5IHANA' GIL' B&'@L' K@?.A-@' G&3' I%L' @MHA-D@L' G&3' DA' I&%D' I-O' M' :&M' @-@%&DJ' FIM' 3@D' ID' DG@' LAA-M' KJ' DG@' $&H@ LAP@' IDD@%L@L' KJ' DG@' 3&%&MD@-M' A.' DG@' LCHIB' HGIN@BR' I%L' KJ' DG@3' G@' FIM' HA%?LCHD@L' DA' DG@' N-&%H&NIB' IBDI-' FG@-@' G@' MCKMH-&K@L' DG@' I-D&HB@M' A.' DG@' O-A3&MM&A%@' I%L' -@H@&'@L' ID' DG@' GI%LM' A.' DG@' O-AHC-IDA-' DG@' P-@ID' MDI%LI-L' A.' DG@' -@NCKB&H' :@

E/ *** 4 BB ' A-' ,8

HA3NAM@L' .A-' DG@' AHHIM&A%' &%' GA%AC-' A.' DG@' LAP@' I%L' G&M' LAPI-@MMI

%ADG@-' .@IDC-@' &%' DG@' NCKB&H' @%D@-DI&%3@%DM' FIM' I'' N-AH@MM&A%' A.' DG@' -IL@M' G&M' MN@HDIHB@' A.' FG&HG' <I' #I%IB@' .C-%&MG@M' CM' F&DG' I'L@DI&B@L' IHHAC%D'GIM' .A-' CM' I%' &%D@-@MD' K@JA%L' &DM' 3@-@' NIP@I%D-J' "A-'&%' DG@' IKM@%H@' A.' .CBB@-' I%L' 3A-@' @TIHD' &%.A-3ID&A%' &D' &M' I' 'IBCIKB@' I&L' DA' DG@' .A-3ID&A%' A.' I%' @MD&3ID@' A.' DG@' N-AP-@MM' I%L' L@? '@BAN3@%D' A.' $@%@D&I%' HA33@-H@' LAF%' DA' DG&M' D&-%@'R' I%L' &D' GIM'DG@-@.A-@' I' HBI&3' DA' NI-D&HCBI-' %AD&H@' ID' AC-' GI%LM' GID' HAC-M@' DG@' N-AH@MM&A%' DAAO' &%' &DM' NIMMIP@' DG-ACPG' DG@' 3@D-ANAB&MR &M' C%H@-DI&%' I%L' &%L@@L' &33ID@-&IB' *D' FIM' AN@%@L' GAF@'@-' IM' F@' B@I-%' KJ' DG@' 3&DGM' FGA' H-AF%@L' F&DG' PI-BI%LM' I%L' .BAF@-M' 3I-HG@L' F&DG' .BIPM' &%' DG@&-' GI%LM' DA' DG@' MAC%L' A.' 3CM&HIB' &%MD-C3@%DM' @TD' HI3W' DG@' O&%%@-M' IDD&-@L' &%' -AK@M' A.' DI..@DI I%L' ADG@-' MDC..M' I%L' L&MNBIJ&%P' DG@' HGA&H@MD' MN@H&3@%M' A.' DG@&-' AF%' 3I%C.IHDC-@M' G@' O&%%@-M' F@-@' .ABBAF@L' &%' MCHH@MM&'@' A-L@-' KJ' DG@' I%%@-M'DG@' I-K@-M +DG@' :AM&@-M' DG@'<-IN@-M'DG@' 1ABL HBADG' A-O@-M'DG@ @I'@-M' I%L' DG@' I&BA-M' DG@' BIMD' A.' FGA3' F@-@' MC3NDCACMBJ' L-@MM@L' &%' FG&D@' F&DG' 3I%D@BM' B&%@L' F&DG' .C-' G@' 1ABL HBADG' A-O@-M' F@-@' INNI-@BB@L' &%' DG@' N-@H&ACM' 3ID@-&IB' KJ' DG@' 3I%C.IHDC-@' A.' FG&HG' DG@J' @I-%@L' DG@&-' MCKM&MD@%H@' A-' FIM' DG@' HAMDC3@' A.' DG@' @-H@-M' DG@' 1BIMM KBAF@-M' DG@' "&MG3A%P@-M' DG@' CDHG@-M' I%L' DG@' $&HDCIBB@-M' B@MM' MNB@%L&L' I%L' HAMDBJ' A3@' F@-@' HBADG@L' &%' MC&DM' A.'-@L' MA3@' &%' MHI-B@D' ADG@-M' IPI&%' &%' J@BBAFR' %L' DG@' 3@3? K@-M' A.' DG@' HA-NA-ID&A%M' FG&HG' .A-3@L' DG@' N-AH@MM&A%' 3AMDBJ' KA-@' MA3@' DAO@%' A-' KILP@' A.' DG@' HIBB&%P' DA' FG&HG

' DG@J' K@BA%P@L ' F&DG' DG@' M&%PB@' @TH@ND&A% ' IM' &D' INN@I-M '
A.' DG@' <& IN@-M' FGA' 3@-@BJ' HI--&@L' AB&'@ K-I%HG@M' &%' DG@D.+'
'GI%LM' $&@F&%P' &D' &%' &DM' M@'@-IB' NI-DM' DG@' NIP@I%D' FIM'
M&%P&LI-BJ' K-&BB&I%D' I%L' &3NAM&%P'R A.' HAC-M@' FG@-@' DG@'
L&'@-M&DJ A.' L-@MM' FIM' MA' &%.&%&D@' I%L' FG@-@' DG@' 'I-&@DJ'
A.' .IMG&A%' I%L' GC@' A..@-@L' MCHG' '&AB@%D' HA%D-IMDM' &D' FIM'
%AD' DA'K@' @TN@HD@L' KCD' DGID' DG@' FGAB@' FACBL' F@I-' I' MA&%@'
2 FGID' 3ADB@J' I%L' &%HA%P-CACM' IMN@HD' A' MCHG' I'-@MCBD'
ID' B@IMD' DG@' FG&3M&HIB' IDD&-@' A.' DG@' I-K@-M' 3&PGD' GI'@'
HA%D-&KCD@L' &%' %A' MB&PGD' L@P-@@' G@' L@NCD&@M' A.' DG&M'
GA%AC-IKB@' HA3NI%J' DFA' &%' %C3K@-' INN@I&L@L' L&MPC&M@L'
IM' O%&PGDM' @--I%D' I-3@L')IHI) Q' ILL2J3AC%D@L' A%'
-&HGBJ' WINI-&MA%@L' HGI-P@-M' G@J' F@-@' IHHA3NI%&@L' KJ'
.AC-' LI3M@BM' A%' .AAD' %A' B@MM' .I%DIMD&HIBBJ' GIK&D@L' FGA3'
DG@J' N-@D@%L@LBA' GI'@' -@MHC@L' .&A3' M, 3@' P-@ID' I%L' &3'
'.%&%@%D' N@-&B' M' DG@J' NIMM@L' K@.A-@' DG@' NBID.A-3' .-A3'
FG&HG' DG@' LAP@' I%L' G&M' MC&D@' F@-@' AKM@-'&%P' DG@' MGAF'
A%@' A.' DG@' HI'IB&@-M' L&M3AC%D@L' I%L' KAF&%P' N-A.AC%LBJ'
ILL-@MM@L' &@NABA %' DG@' .ABBAF&%P' 3I%%@-' = d' &-@' F@'
I-@' DFA' O%&PGDM' @3%D' FGA' GI'@' D-I'@BB@L' .I-' DA' M@@O'
AC-' .A-DC%@' I%L' GI'@' MCHH@@L@L' ID' BIMD' &%' 3IO&%P' I'
HA%SC@MD' A.' DG@M@' .AC-' LI3M@BM' @' GI'@' %AF' HA3@' DA'
JAC-' HAC-D' 2I-&L'&.' I%J' DG@-@' K@' L&MNAM@L' DA' SC@MD&A%' AC-'
-&PGD' F@' I-@' -@ILJ' DA' L@.@%L' DG@' N-&V@M' F@' GI'@' FA%'
F&DG' AC-' CD3AMD' N-AF@MM k' G@' I-K@-M' GI'&%P' .&%&MG@L'
DG@&-' MN@@HG' DG@' N-&%H@' -@NB&@L' &%' HAC-D@ACM' I%L' MC&DIKB@'
D@-3M' DGID' DG@J' F@-@' F@BHA3@'R IMMC-&%P' DG@3' DGID' DG@J'
I%L' DG@&-' .I&-' HGI-P@M' MGACBL' K@' D-@ID@L' F&DG' IBB' GA%AC-'
I%L' DGID' %A' A%@' FACBL' N-@MC3@' DA' L&MNCD@' F&DG' DG@3'
DG@' NAMM@MM&A%' A.' MA' @%'&IKB@' I' HA%SC@MD' G@' M@@3&%P

E/ ' : * ; ' O' $a *H.@' ' ,8

*H%&PGDM' DG@%' MGACD@L' ' D ' (' ' 'D # ' - +
) ' ' 7 ' ' ' " ' I%L' MA' NIMM@L' A%'

G@' .@MD&'&D&@M' A.' DG@' HA-A%ID&A%' N-@M@%D@L' 3I%J 'ADG@-'
IDD-IHD&A%M' G@-@' F@-@' PI3@M' &%' F G&HG' KC..AA%M' F@-@'
&%D-ALCH@L' FGA' KJ' DG@&-' I%D&H' P@MDC-@M' H-@ID@L' &%.&%&D@'
3@--&3@%D' I3A%P' DG@' NAN&LIH@' B&@-@' F@-@' 3@%' DAA'
F&DG' HIP@M' .CBB' A.' M&%P&%P' I%L' ADG@-' K&-LM' FGA' IM' MAA%'
IM' DG@J'HI3@' %@I-' DG@' MNAD' FG@-@' DG@' #AC-D' GINN@%@L' DA'
K@' B&K@-ID@L' DG@' B&DDB@' N-&MA%@-M' I%L' B@D' DG@3' .BJ' I3A%P'
DG@' H&WAFL' G&M' NANCBI-' I%L' N@-GINM' C%@TN@HD@L' N-A?
H@@L&%P' L-@F' I' L@I.@%&%P' MGACD' A.' INN-AKID&A%' A-'
FIM' DG@-@' I%J' L@.&H&@%HJ' A.' MGI-N@-M' FGA' AKM@-'&%P'
DG@' IDD@%D&A%' A.' DG@' KJMDI%L@-M' .&T@L' A%' ADG@-' AKQ@HDM'
N-A.&D@L' KJ' DG@' P@%@-IB' L&MD-IHD&A%' DA' .BB' DG@&-' AF%'
NAHO@DM

G@' NCKB&H' @%D@-DI&%3@%DM' HBAM@L' F&DG' I%' *%LCMD-&IB'
!TG&K&D&A%' &%' DG@' INI-D3@%DM' A.' DG@' OIBIH@' &%' GA%AC-' A.'
DG@' <API-@MMI' FGA' IM' MG@' NIMM@L' &%' MDID@' DB&-A&.PG' @IHG'
-AA3' FIM' -@H@&'@L' KJ' DG@' IMD@-M' A.' DG@' 'I-&ACM' HA3?
NI%&@M' I%L' N-@M@%D@L' F&DG' MF@@D3@IDM' I%L' ADG@-' HA%?
.@HD&A%M' FG&HG' G@-' @-@%&DJ' IHH@ND@L' F&DG' O&%L' I%L'
HAC-D@ACM' @TN-@MM&A%M

%' DG@' FGAB@' &D' 3&PGD' K@' I.B -3@L' DGID' .@F' N-&%H@M'
GIL' IMH@%L@L' DG@' $@%@D&I%' DG-A%@' C%L@-' GINN&@-' ICMN&H@M'
DGI%' A-@%VA' &@NABA' *D' -@3I&%@L' DA' M@@' GAF' .I-' DG@'
.I'AC-IKB@' I%D&H&NID&A%M' FG&HG' MCHG' I' K-&PGD' AN@%&%P'
3&PGD' GI'@' D@%L@L' DA' .A-3' &%' DG@' NCKB&H' 3&%L' FACBL' K@'
-@IB&V@L' KJ' DG@' &MMC@' %L' DA' MIJ' DG@' D-CDG' 3I%J' H&-HC3?
MDI%H@M' HA%D-&KCD@L' DA' -@%L@-' &D' LACKD.CB' FG@DG@-' DG@' %@F'
-@&P%' &FACBL' K@' 3CHG' 3A-@' D-I%SC&B' DGI%' DG@' N-@H@L&%P

<' 18 / (' 3M ; ' $'' ' E/

@D' &D' &M'DA'DG@' @I-B&@-'NI-D'A.' &@NABAUM' IL3&%&MD-ID&A%'
DGID' F@' 3CMD' -@.@-' DG@' IHHA3NB&MG3@%D' A.'A%@' P-@ID' FA-O'
A.'N@IH@' *%' / ' KJ' DG@'QA&%D' 3@L&ID&A%' A.'DG@' HAC-DM'
A.'"&UI-&H@' ;A3@'I%L' &H&BJ'FG&HG' HACBL'%AD' KCD' L@NBA-@'
DG@'N-ABA%PID&A%'A.'GAMD&B&D&@M' K@DF@@%' DG@' DFA'.&-MD' 3I-&?
D&3@' OAF@-M' A.'!C-AN@' I' D-CH@' .A-' .&'@' J@I-M' FIM' HA%?
HBCL@L' ID' #-@3A%I' KJ' DG@' -@N-@M@%DID&'@M' A.'$@%&H@' I%L'
1@%AIR' I%L'MGA-DBJ' I.D@-FI-LM' I%' @THGI%P@'A.'N-&MA%@-MR'
I'NA&%D' FG&HG' M@@3M' DA' GI'@' @%HAC%D@-@L' HA%M&L@-IKB@'
ANNAM&D&A%' &%' MA3@' SCI-D@-M' I%L' DA' GI'@' K@@%' P&'@%' CN'
&%' HA%M@SC@%H@' FIM' IBMA' IP-@@L' DA' KJ' DG@' HA%D-IHD&%P'
NI-D&@M' ID' DG@' @I-%@MD' I%L' -@NIDD@L' &%D@-H@MM&A%' A.'DG@'
MCN-@3@' OA%D&..' CHG' IM' DG@' D@3NA-I-J' %IDC-@' A.'DG@'
N@IH@' A.' #-@3A%I' 3&PGD' K@' -@P-@DD@L' KJ' 3I%J' DG@'
I-3&MD&H@' L@M@-'@L' DA' K@' F@BHA3@L'C%L@-' I%J' H&-HC3?
MDI%H@M' IM' I%' @'@%D' A.'PAAL' I%L' GINNJ' A3@%R' I%L' K@?
M&L@M' &D' FIM' SC&D@' AN@%' K@.A-@' DG@' @TN&-ID&A%' A.'DG@'
MN@H&.&@L+D@-3' DA' @TD@%L' &DM' AN@-ID&A%' A-' @'@%' DA' -@%L@-' '
&D' N@-3I%@%D' G@' $@%@D&I%' L@NCD&@M'5N' DG@' #A%.@-@%H@'
F@-@' &HABA' I'IP&@-A' I-&%A' $IBI-@MMA' I%L' I-HA'
_C&-&%&' DG@' D-@IDJ' FG&HG' DG@J' KIL' %@PAD&ID@L' DAAO'
@..@HD' .-A3' DG@' %L' A.' CPCMD' A.' DG@' IKA'@ %I3@L'
J@I-' FG&HG' 3&PGD' GI'@' K@@%' DG@' LIJ' A%' FG&HG' DG@'
&%MD-C3@%D' FIM' M&P%@L' A-' DGID' A%' FG&HG' DG@' -ID&.&HI?
D&A%M' F@-@' @THGI%P@L' A'.I-' IM' 1@%AI' FIM' HA%H@-%@L'
DG@' -@HA%H&B&ID&A%' F&DG' G@-' 3&PGDJ' I%DIPA%&MD' FIM' C%?
LACKD@LBJ' 3AMD' ANNA-DC%@' .A-' DG@' FI-' &%' FG&HG' MG@'
GIL' K@@%' .A-' MA3@' D&3@' @%PIP@L' F&DG' G@-' ADG@-' -&'IB' &%

≠] '7 ♯5'*'>< :' 2 ' ' '$ '7 '> <:'♥2Z '
* '**' DDO/:

HA33@-H@' I%L' N-A MN@-&DJ' DG@' -@NCKB&H' A.' O&MI' FIM' SC&D@' MC..&H&@%D' A.' &DM@B.' DA' AHHCNJ' G@-' IDD@%D&A%' I%L' -@MAC-H@M' A-' FIM' &D' BA%P' K@.A-@' DG@' &P%A-J' DAA' .AC%L' IKC%LI%D' -@IMA%' DA' -@PI-L' &D' IM' I' .A-DC%ID@' H&-HC3MDI%H@' DGID' IBB' P-AC%L' A.' INN-@G@%M&A%' FIM' -@3A'@L' .A-' DG@' N-@M@%D' ID' B@IMD' &%' DGID' SCI-D@-' B-@ILJ' &%' I' L&..@-@%D' L&-@HD&A%' DG@' N-AMN@HD' FIM' LI-O@%&%PR I%L' DG@-@' FIM' I' MN@HO' A%' DG@' GA-&VA% = &D' FIM' IM' J@D' B&DDB@' 3A-@' DGI%' I' MN@HO = FG&HG' 3&PGD' ID' %A' L&MDI%D' N@-&AL' MF@BB' &%DA' I' DGC%L@- HBACL

M' 3&PGD' K@' .A-@M@@%' DG@' BID@' .@MD&'&D&@M' GIL' GIL' DG@' DFA.ABL' @..@HD' A.' IDD-IHD&%P' DA' $@%&H@' I' BI-P@' %C3K@-' A.' .A-@&P%@-M' I%L' A.'&%H-@IM&%P' DA' I' '@-J' HA%M&L@-IKB@' @TD@%D' DG@' HA%MC3ND&A%' A.' IBB' DG@' %@H@MMI-&@M' A.' B&.@' &%MA3CHG' DGID' DG@' L@3I%L' ID' BIMD' DG-@ID@%@L' DA' @TH@@L' IBDAP@DG@-' DG@' 3@I%M' A.' MCNNBJ' "A-' MCHG' I%' @'&B' C%L@-' A-L&%I-J' H&-HC3MDI%H@M' &D' FACBL' GI'@' K@@%' HA3NI-ID&'@BJ' @IMJ' DA' .&%L' I' -@3@LJ' A-' -IDG@-' N@-GINM' &D' FIM' I%' @'&B' FG&HG' C%L@-' A-L&%I-J' H&-HC3MDI%H@M' FACBL' GI'@' %@'.-' I-&M@%' "A-' &%' I' HAC%D-J' B&O@' $@%&H@' F&DGACD' D@--&DA-J' A-' IP-&? HCBDC-IB' -@MAC-H@M' &D' GIL' K@@%' @I-BJ' -@HAP%&V@L' IM' I' 3AMD' @MM@%D&IB' NA&%D' DA' N&U@M@-'@' I' -@ILJ' I%L' HA%MDI%D' HA33C? %&HID&A%' F&DG' IBB' DG@' HA-% N-ALCH&%P' HAC%D-&@M' IHH@MM&KB@' DA' G@-' D-I%MNA-DMR DG@' &3NA-DI%H@' A.' MCHG' I' HA33C%&? HID&A%' A%BJ' K@HI3@' DG@' 3A-@' 31%&.@MD' IM' DG@' .BAID&%P' IM' F@BB' IM' DG@' N@-31%@%D' NANCBID&A%' A.' DG@' <APILA' FIM' P-ILCIBBJ' MF@BB@L' KJ' DG@' &%MD&DCD&A%' A.' N@-&AL&HIB' .I&-M' I%L' DG@' L@'@BAN3@%D' A.' DG@' %ID&A%IB' 31-&%@R' I%L' DG@' MCHH@MM&'@' PA'@-%3@%DM' A.' DG@' -@NCKB&H' GIL' DG@-@.A-@' K@@%' HI-@.CB' DA' M@HC-@' .-A3' D&3@' DA' D&3@' KJ' D-@IDJ' A-' ADG@-? F&M@' DG@' N-&'&B@P@' A.' @TNA-D&%P' P-I&%' ID' DG@' HG@IN@MD

-ID@M' .-A3' DGAM@' L&MD-&HDM' FG@-@' &D' P-@F' &%' DG@' BI-P@MD' SCI%D&D&@M' GCM' &D' &M' DGID' &%' DG@' HA3NIHDM' FG&HG' DG@' &MBI%L@-M' GIL' .A-3@L' ID' L&..@-@%D' N@-&ALM' DGACPG' 3A-@' NI-D&HCBI-BJ' &%' DGAM@' A.' 3A-@' -@H@%D' LID@' F&DG' DG@' 1-@@O' JVI%D&%@' @3N&-@' DG@' O&%PLA3' A.' DG@' FA' &H&B&@M' DG@' IGA33@LI%' OAF@-M' A.' I-KI-J' DG@' OID-&I-HG' A.' SC&' B@&I' I%L' BIMDBJ' DG@' #AC%D' A.' 1A-&H&I' F@' .&%L' DG@' -@N-@? M@%DID&'@M' A.' DG@' LAP@' IB3AMD' &%'I-&IKBJ' MD&NCBID&%P' A%' K@GIB.' A.' DG@&-' HAC%D-J' .A-' DG@' -&PGD' DA' @TNA-D' HA-%' FG@-@' DG@' N-&H@' @TH@@L@L' %AD' I' H@-DI&%' I3AC%D' N@-' KCMG@B' *%' MA3@' &%MDI%H@M' IM' .A-' @TI3NB@' SC&B@&I' I%L' 1A-&H&I' DG@' $@%@D&I%M' INN@I-' DA' GI'@' K@@%' &%' DG@' GIK&D' A.' &3NAM&%P' DG@&-' AF%' HA%L&D&A%M' %I3@BJ' B&K@-DJ' DA' DIO@' IM' 3CHG' FG@ID' ACD' A.' DG@' HAC%D-J' IM' 3&PGD' K@' MC..&H&@%D' .A-' DG@&-' &33@L&ID@' NC-NAM@' @&DG@-' F&DGACD' DG@' NIJ3@%D' A.' I%J' LCDJ' FGID@'@-'A-'ID' 3AMD' F&DG' DG@' B@'J' A.' A%@' A.' %A3&%IB' I3AC%DR' I%L' &%' ADG@-' &%MDI%H@M' FG@-@' DG@&-' &%.BC@%H@' 3&PGD' KZ&'B@MM' HA331%L&%P' DG@' D@-3M' FG&HG' DG@J' AK? DI&%@L' F@-@' MC..&H&@%DBJ' .I'AC-IKB@' DA' B@IL' DA' I%' &3N-@M? M&A%' DGID' DG@J' GIL' K@@%' A.' DG@&-' AF%' .-I3&%P' A' 3CHG' &%L@@L' FIM' DB&&M' DG@' HIM@' DGID' &%' INB@M' I%L' DG@' FA' &H&B&@M' DG@' %ID&'@' 3@-HGI%DM' 3&PGD' HA3NBI&%' DGID' DG@' $@%@D&I%M' FGA' @%PIP@L' &%' DG@' @TNA-D' D-IL@' F@-@' NBIH@L' KJ' DG@' PA'@-%3@%D' A.' #GI-B@M' A.' %QAC' A%' I' 3A-@' IL'I%? DIP@ACM' .AAD&%P' DGI%' DG@3M@B'@M' G@DG@-' DG@' N-@.@-? @%H@' DGCM' @TD@%L@L' DA' DG@' H&D&V@%M' A.' DG@' -@NCKB&H' FIM' IHDCIBBJ' -@PI-L@L' IM' I' P-&@'I%H@' F@' O%AF' %ADR' KCD' DG@-@' &M' G&MDA-&HIB' D@MD&3A%J' I%L' @'@%' LAHC3@%DI-J' @'&L@%H@' DA' MGAF' DGID' MA3@' P-AC%LM' @T&MD@L' .A-' I' HGI-P@' A.' C%LC@' NI-D&IB&DJ

"" 8

G@% GAF@'@- F@ M@@ DGID DG@ <%HIB PA'@-%3@%DM GIL 3IL@ MCHG I3NB@ N-A'&M&A% .A- HA%D&%P@%H&@M M&3&BI- DA DGID DA FG&HG F@ GI'@ K@@% -@.@--&%PR &D M@@3M MD-I%P@ DGID I%J L&..&HCBDJ MGACBL K@ @TN@-&@%H@L &% N-A? HC-&%P MCNN @M A. HA-% I%L ADG@- P-I&% DAU I%J P&'@% A- IMM&P%IKB@ @TD@%D G@ .IHD FIM DGID I. DG@ N-@M@%D HA%? QC%HDC-@ M@'@-IB H&-HC3MDI%H@M GIL HA3K&%@L DA L@.@ID DG@ F&M@ I%L QCL&H&ACM N-@HICD&A%M FG&HG DG@ LAP@M I%L DG@&- IL'&M@-M GIL'DIO@% IPI&%MD DG@ @'@%D A. I MCLL@% N-@MMC-@ .-A3 C%.A-@M@@% HICM@M G@ J@I- &% FG&HG A-@%VA &@NABA FIM HIBB@L DA DG@ DG-A%@ Z ,8[I%L &% FG&HG DG@ NANCBID&A% A. DG@ $@%@D&I% HIN&DIB FIM MF@BB@L K@JA%L IBB N-@H@L@%D KJ DG@ I--&'IB A. DGAC? MI%LM A. MD-I%P@-M FGA .BAHO@L DA ;&IBDA DA K@ N-@M@%D ID DG@ . D@M GIL K@@% -@3I-OIKB@ .A- I% C%CMCIBBJ MGA-D FG@ID GI-'@MD DG-ACPGACD !C-AN@ *% &H&BJ INB@M 1-@@H@ #I%L&I I%L DG@ A-@I DG@ H-AN &M -@N-@M@%D@L IM GI'&%P K@@% IB3AMD @SCIBBJ MHI%DJ I%L Q+AA- *% &H&BJ I%L DG@ MACDG A. *DIBJ &D FIM MA KIL DGID DG@ PA'@-%3@%D .AC%L &D %@H@MMI-J DA N-AG&K&D IM I D@3NA? -I-J 3@IMC-@ DG@ @TNA-D A. IBB P-I&% .-A3 DG@ @INAB&DI% LA3&%&A%M % L .-&HI P@%@-IBBJ I% &%@TGICMD&KB@ MAC-H@ A. MCNNBJ MD&BB .A-3@L DG@ DG@ID-@ A. I #-CMIL@ M@D A% .AAD KJ DG@ 3AMD #G-&MD&I% a&%P I&%D AC&M IPI&%MD DG@ I-IH@%M A. C%&M

G@ HA%M@SC@%H@ A. DG&M C%.A-DC%ID@ HA3K&%ID&A% A. H&-HC3MDI%H@M FIM DGID DG@ J@I- FG&HG &33@L&ID@BJ .AB? BAF@L &@NABAUM HA-A%ID&A% FIM F&DG DG@ $@%@D&I%M ID B@IMD I J@I- A. @TD-@3@ MHI-H&DJ BB DG@ A-L&%I-J HGI%? %@BM I%L .AC%DI&%M A. MCNNBJ GIL K@@% P-ILCIBBJ @T

‘ / (‘ 0"2 A1V‘ A3‘ B"$ ‘ E/

GICMD@L‘ ‘ G@‘ L@I-%@MM‘ A.‘ N-&H@M‘ MAA%‘ K@HI3@‘ C%N-@H@?
L@%D@L‘ I%L‘A.‘HAC-M@‘I..@HD@L‘DGACPG‘&%‘L&..@-@%D‘L@P-@@M‘
IBB‘ HBIMM@M‘ A.‘ MAH&@DJ‘ *D‘ FIM‘ DAA‘ 3CHG‘ DA‘ K@‘ L-@IL@L‘
DGID‘ 3&B@MM‘ DG@‘ D-I%MNA-DM‘ FG&HG‘ GIL‘ K@@%‘ L@MNIDHG@L‘
MA3@‘ D&3@‘M&%H@‘&%‘M@I-HG‘A.‘P-I&%‘I--&'@L‘MN@@L&BJ‘&%‘DG@‘
$@%@D&I%‘ FID@-M F&DG‘ MDA-@M‘ .I3&%@‘ FACBL‘ BIJ‘&DM‘ PIC%D‘
I%L‘ L@MABID&%P‘ GI%L‘ A%‘ DG@‘ <APILA‘ I%L‘ KJ‘ I‘ MF@@N&%P‘
N-AH@MM‘ A.‘ @TD@-3&%ID&A%‘ LA‘ 3A-@‘ &%‘ I‘.@F‘ F@@OM‘ DGI%‘
IBB‘DG@‘ @%@3&@M‘A.‘DG@‘-@NCKB&H‘GIL‘K@@%‘IKB@‘DA‘IHG&@'@‘
&%‘ @&PGD‘ GC%L-@L‘ J@I-M‘ A‘P-@ID‘FIM‘DG@‘@3@-P@%HJ‘MA‘
N@-&BACM‘I%L‘H-&D&HIB‘FIM‘DG@‘M&DCID&A%‘&%‘FG&HG‘DG@‘$@?
%@D&I%M‘ .AC%L‘ DG@3M@B'@M‘ NBIH@L‘ KJ‘ I%‘ @'@%D‘ IBDAP@DG@-‘
K@JA%L‘ DG@‘ -I%P@‘ A.‘ GC3I%‘ .A-@M&PGD‘ %L‘ &%‘ MN&D@‘ A.‘
DG@‘IHD&'@‘@T@-D&A%M‘FG&HG‘GIL‘K@@%‘3IL@‘KJ‘DG@‘PA'@-%?
3@%D‘DA‘I'@-D‘I‘HIDIMD-ANG@‘MA‘D-CBJ‘L@NBA-IKB@‘DG@‘GAN@‘
A.‘-@B&@.‘-@3I&%@L‘IM‘J@D‘@TH@@L&%PBJ‘.I&%D‘I%L‘L&MDI%D

%‘DG@‘.&-MD‘MJ3NDA3M‘A.‘LI%P@-‘&%L@@L‘DG@‘LAP@‘I%L‘
G&M‘IL'&M@-M‘GIL‘BAMD‘%A‘D&3@‘&%‘N-@NI-&%P‘.A-‘DG@‘FA-MD‘
FG&HG‘HACBL‘GINN@%‘ $@MM@BM‘F@-@‘.&DD@L‘ACD‘I%L‘M@%D‘
DA‘<IB3ID&I‘1-@@H@‘I%L‘@'@%‘DA‘ M&I‘F&DG‘&%MD-CHD&A%M‘
DA‘NC-HGIM@‘IBB‘DG@‘HA-%‘FG&HG‘HACBL‘K@‘.AC%L‘R I%L‘ID‘
DG@‘MI3@‘D&3@‘m‘3@MMIP@‘FIM‘M@%D‘DA‘DG@‘'I-&ACM‘3@3?
K@-M‘A.‘DG@‘ A3KI-L‘"@L@-ID&A%‘FG&HG‘3&PGD‘%AD‘K@‘&%?
'AB'@L‘&%‘I‘M&3&BI-‘L&..&HCBDJ‘INNBJ&%P‘.A-‘I‘HA%D-&KCD&A%‘
A.‘HA-%‘I%L‘ADG@-‘%@H@MMI-&@M‘ 3A%P‘DG@M@‘F@-@‘DG@‘
OILCI%M‘I%L‘DG@ -@'&MI%M‘ G@‘.A-3@-‘3A-@‘@MN@H&IBBJ‘
F@-@‘-@3&%L@L‘GAF‘ID‘I‘QC%HDC-@‘FG@%‘ /‘F@-@‘KAF&%P‘
DG@&-‘%@HOM‘K@%@IDG‘DG@‘&-A%‘JAO@‘A.‘DG@‘&3N@-&IB&MDM‘DG@‘
-@NCKB&H‘A.‘$@%&H@‘-@MNA%L&%P‘DA‘DG@&-‘HIBB‘GIL‘HA3@‘
.A-FI-L‘I%L‘L@B&'@-@L‘DG@3‘.-A3‘DG@‘GI%LM‘A.‘I‘DJ-I%D

G@' 3@3A-J' A.' DG@' -@'&MI%M' FIM' IBMA' -@.-@MG@L' KJ' I' -@HIN&DCBID&A%' A.' DG@' M@-'&H@M' FG&HG' DG@' $@%@D&I%M' GIL' -@%L@-@L' DA' DG@' HICM@' A.'B&K@-DJ' I%L'&%L@N@%L@%H@'&%' DG@' HAC-M@' A.' DG@' BIMD' O@%&%MCBI-' I-' M@-'&H@M' FG&HG' F@-@' IHO%AFB@LP@L' ID' DG@' D&3@' DA' K@' A.' DG@' CD3AMD' &3NA-D? I%H@' *%' DG&M' -@'&'IB' A.'ABL' -@HABB@HD&A%M' DG@' MD-&HD'QCLP? 3@%D' A.' FG&HG' 3&PGD' K@' AN@%' DA' SC@MD&A%' DG@' .IB' A.' OILCI' I%L' DG@' -@MDA-ID&A%' A.' -@'&MA' DA' DG@' NANCBI-' NI-DJ' KJ' DG@' A'@-DG-AF' A.' DG@' DFA' ;A3I%&' -@H@&'@L' &D' 3IJ' K@' AKM@-'@L' SC&D@' DG@&-' LC@' MGI-@' A.'N-A3&%@%H@

G@' @..A-DM' A.' &@NABA' GAF@'@-' F@-@' C%&.A-3BJ' C%? MCHH@MM.CB' I%L' G&M' -@N-@M@%DID&'@M' -@DC-%@L'.-A3' DG@&-' -@? MN@HD&'@' 3&MM&A%M' F&DGACD' GI'&%P' K@@%' IKB@' DA' IHG&@'@' I%J? DG&%P' GID' F@-@' DG@' AMD@%M&KB@' P-AC%LM' A.' DG@' A3KI-LM' .A-' L@HB&%&%P' DA' IHH@L@' DA' DG@' INNB&HID&A%' A.' DG@' $@%@D&I%' PA'@-%3@%D' F@' I-@' ID' I' BAMM' DA' L&MHA'@-' KCD' F@' MCMN@HD' DGID' DGAM@' F-&D@-M' I-@' %AD' .I-' F-A%P' FGA' NCD' A%' DG@' HA%LCHD' A.' DG@' -@NCKB&HUM' .A-3@-' IBB&@M' DG@' FA-MD' NAMM&KB@' HA%MD-CHD&A%' A-' LA' F@' M@@' DGID' MCHG' I' -@MCBD' IM' F@' GI'@' L@MH-&K@L' FIM' NI-D&HCBI-BJ' MC-N-&M&%P' G@' D-CDG' FIM' DGID' $@%&H@' @TN@-&@%H@L' &%' DG@' GAC-' A.' IL'@-M&DJ' DG@' HA33A%' .ID@' A.' IBB' DGAM@' OAF@-M' FG&HG' K@HA3@' P-@ID' ID' DG@' @TN@%M@' A.' DG@&-' %@&PGKAC-MR' MG@' GIL' -I&M@L' IPI&%MD' G@-' I' GAMD' A.' M@H-@D' @%@3&@M' FGA' A%BJ' FI&D@L' DG@' ANNA-? DC%&DJ' DA' L@HBI-@' DG@3M@B'@MR' I%L' A.' DG@M@' IMMC-@LBJ' DG@' 3AMD' K&DD@-' &%' G@-' Q@IBACMJ' I%L' GID-@L' FIM' OILCI' GID' I%H&@%D' KA-ACPG' FIM' DAA' .CB' A.' G@-' D-IL&D&A%IB' N-&L@' DA' .A-P@D' DGID' DG@' *MBI%L' #A33A%F@IBDG' AF@L' &DM' @T&MD@%H@' DA' I' L@H-@@' A.' G@-' @%ID@' I%L' DGID' MG@' FIM' IHHAC%D@L' DG@' -&HG@MD' I%L' 3AMD' NAF@-.CB' A.' *DIB&I%' H&D&@M' ID' I' D&3@' FG@%

DG@‘ .&MG@-3I%‘ FI‘M‘ MD&BB‘MN-@IL&%P‘ G&M‘%@DM‘A%‘DG@‘ 3A-IMM@M‘ FG@-@‘ DG@‘ NIBIH@M‘ A.‘DG@‘ #A%DI-&%&‘ %AF‘ MDAAL‘ G@‘ @'@%‘ KAIMD@L‘ DGID‘ BA%P‘ I.D@-‘ DG@‘ &%'IM&A%‘ A.‘DG@‘ : C%M‘MG@‘ GIL‘HA%D&%C@L‘DA‘P&'@‘ BIFM‘ DA‘DG@‘ $@%@D&I%M‘ *%‘MGA-D‘ DG@‘ -@NCKB&H‘I%L‘DG@‘NI-@%D‘H&DJ‘MDAAL‘&%‘MCHG‘I‘-@BID&A%‘ DAFI-L‘@IHG‘ADG@-‘DGID‘DG@‘M@-'&H@M‘-@%L@-@L‘KJ‘DG@‘.A-? 3@-‘LC-&%P‘DG@‘BID@‘FI-‘&%‘DG@‘N@%&%MCBI‘DA‘DG@‘1C@BNGM‘ A.‘OILCI‘FIM‘HIBHCBID@L‘DA‘IFIO@%‘I‘M@%M@‘A.‘&%QC-J‘ -IDG@-‘DGI%‘I‘M@%M@‘A.‘P-ID&DCL@‘ A-‘HACBL‘&D‘K@‘L&M? PC&M@L‘DGID‘DG@-@‘F@-@‘DFA‘M&L@M‘DA‘DGID‘N&HDC-@‘ *.‘DG@‘ &P%A-J‘ILLCH@L‘A%‘DG@‘N-@M@%D‘AHHIM&A%‘IM‘I‘D&DB@‘DA‘ G&PG‘HA%M&L@-ID&A%‘I%L‘I‘HBI&3‘DA‘P-ID@.CB‘-@3@3K-I%H@‘ DG@‘B&K@-ID&A%‘A.‘OILCI‘.-A3‘DG@‘GI%LM‘A.‘!HH@B&%A‘KJ‘G@-‘ D-AANM‘DG@‘OILCI%M‘F@-@‘ID‘B&K@-DJ‘DA‘-@HIBB‘DG@‘ID-AH&D&@M‘ HA33&DD@L‘KJ‘DG@‘IBB&@M‘I.D@-‘DG@‘.IBB‘A.‘DG@‘NBIH@R‘I%L‘ F@‘3IJ‘-@MD‘IMMC-@L‘DGID‘DG@J‘FACBL‘%AD‘.I&B‘DA‘IMH-&K@‘ DG@3‘&%‘N-&%H&NIB‘3@IMC-@‘DA‘DG@&-‘&%MCBI-‘%@&PGKAC-M‘ G@‘H_J@-D‘I%D&NIDGJ‘FG&HG‘DG@‘OILCI%M‘KA-@‘DA‘DG@‘ -@NCKB&H‘FIM‘MGI-@L‘DGACPG‘&%‘I‘B+HM‘L@P-@@‘KJ‘DG@‘ -@'&MI%M‘DG@‘$@-A%@M@‘DG@‘$&H@%D&%@M‘I%L‘DG@‘ADG@-‘ N@ANB@‘A.‘DG@‘ I-HG@M‘FGA‘GIL‘QA&%@L‘IM‘F@‘GI'@M@%‘ &%‘L@HB&%&%P‘DA‘HA3NBJ‘F&DG‘DG@‘-@SC&M&D&A%‘3IL@‘DA‘DG@3‘ KJ‘DG@‘<AP@‘ &@NABA‘ *D‘FIM‘F&DG‘%A‘.I'AC-IKB@‘@J@‘F@‘ 3IJ K@B&@'@‘DGID‘DG@‘&%L@N@%L@%D‘HA33C%@M‘A.‘ A-DG@-%‘ *DIBJ‘'&@F@L‘DG@‘HA33@-H&IB‘I%L‘NAB&D&HIB‘IMH@%LI%HJ‘A.‘ $@%&H@‘I%L‘DG@-@‘HACBL‘%AD‘K@‘FI%D&%P‘MA3@‘FGA‘.A-@? KAL@L‘DGID‘DG@‘&%D@-.@-@%H@‘A.‘DG@‘$@%@D&I%M‘&%‘DG@‘I..I&-M‘ A.‘DG@‘N@%&%MCBI‘IM‘LC-&%P‘DG@‘BID@‘FI-‘FACBL‘K@HA3@‘ 3A-@‘I%L‘3A-@‘.-@SC@%D‘C%D&B‘&D‘-@MAB'@L‘&DM@B.‘.&%IBBJ‘&%DA‘ DG@‘N@-3I%@%D‘@TD@%M&A%‘A.‘DG@‘<APILA‘DA‘DG@‘ I

G@ .I&BC-@ A.' DG@' *DIB&I%' 3&MM&A%M' HACNB@L' F&DG' DG@' HA%D&%C@L' IKM@%H@' A.' &%D@BB&P@%H@' A.' I%J' O&%L' .-A3' ADG@-' SCI-D@-M' -@LCH@L' DG@' <CHIB' PA'@-%3@%D' DA' I' MDID@' A.' DG@' P-I'@MD' C%@IM&%@MM' I%L' N@-NB@T&DJ' G@' NCKB&H' L&MD-@MM' &%H-@IM@L' .-A3' LIJ' DA' LIJR' FG&B@' DG@' 3@I%M' A.' IBB@'&ID&%P' &D' INN@I-@L' DA' K@' SC&D@' IM' -@3AD@' IM' +@- ' D' BIMD' FG@%' DG@' N-@MMC-@' GIL' -@IHG@L' I' NA&%D' +D' FG&HG' &D' FIM' I ' KCD' &%DAB@-IKB@' I' .@F' D-I%MNA-DM' @%D@-@L' DG@' $@%@D&I%' FID@-M' .-A3' <IB3ID&I'R2DG@J' F@-@' DG@' K@I-@-M' A.' I' 3AMD' F@BHA3@' DGACPG' B&3&D@L' HA%M&P%3@%D' A.' HA-%' I%L' N-A'&M&A%M' NC-? HGIM@L' KJ' DG@' IP@%DM' A.' DG@' LAP@'&%' DG@' *MD-&I%' I%L' B J-&H' N-A'&%H@M' G@M@' MDA-@M' F@-@' &33@L&ID@BJ' L&MD-&KCD@L' F&DG' -&P&L' &3NI-D&IB&DJ' DG-ACPG' DG@' 3@D-ANAB&DI%' FI-LM' I%L' MCKC-KI%' L&MD-&HDM' KJ' A..&H@-M' MN@H&IBBJ' INNA&%D@L' .A-' DG@' NC-NAM@R' I%L' DG@' I--&'IB' &%' MN@@LJ' MCHH@MM&A%' A.' ADG@-' '@MM@BM' .-A3' 'I-&ACM' NI-DM' A.' M&I' F&DG' 3A-@' I3NB@' MCNNB&@M' -@3A'@L' IBB' &33@L&ID@' HICM@' A.' INN-@G@%M&A%' G@' H-&M&M' ID' B@IMD' FIM' A'@-R' I%L' IBDGACPG' DG@' BIX@' N-@M? MC-@' C%I'A&LIKBJ' B@.D' H@-DI&%' LI-O' D-IH@M' K@G&%L' &D' DG@' -@NCKB&H' 3&PGD' K@' N-A%AC%H@L' ACD' A.' LI%P@-

&M.A-DC%@' &M' %AD' F&DGACD' &DM' CM@' I%L' &%MD-CHD&A%' G@' P-@ID' N@-&B' DG-ACPG' FG&HG' DG@' $@%@D&I%M' GIL' QCMD' NIMM@L' HA%'@J@L' I' B@MMA%' KJ' FG&HG' DG@J' O%@F' F@BB' GAF' DA' N-A.&D' A' PCI-L' KJ' @'@-J' I'I&BIKB@' 3@I%M' IPI&%MD' I' -@HC& @%H@' A.' MCHG' I%' @'&B' K@HI3@' DG@' .&T@L' L@D@-3&%I? D&A%' A.' DG@' PA'@-%3@%D' I%L' DG@' N@ANB@' &DG' DG&M' AKQ@HD' I' %@F' A..&H@' FIM' %AF' &%MD&DCD@L' FGAM@' N-A'&%H@' &D' K@? HI3@' DA' @T@-H&M@' I' P@%@-IB' MCN@-&%D@%L@%H@' I%L' HA%D-AB' A'@-' DG@' HA-%D-IL@' DA' DIO@' HAP%&VI%H@' A.' IBB' 3IDD@-M' -@BID&%P' DA' DG@' @TNA-D' I%L' &3NA-D' A.' DG@' I-D&HB@' I%L' DA

DG@‘ MD-&HD@MD‘ HA3NB&I%H@‘ F&DG‘ DG@‘ A-L@-M‘ A.‘ DG@‘ PA'@-%? 3@%D‘ IM‘ HA%'@J@L‘ DG-ACPG‘ DG@‘ #A33&MM&A%@-M‘ A.‘ #CM? DA3MR‘ G@‘ FIM‘ DA‘ K@‘ HI-@.CB‘ DGID‘ %A‘ 3@-HGI%D3I%‘ A-‘ ADG@-‘ H-I.D‘ C%L@-‘ FGID@'@-‘ HABAC-M‘ &D‘ 3&PGD‘ K@‘ PI&B&%P‘ @'IL@L‘ ‘R 7 ‘ I%L‘ G&M‘ &%MD-CHD&A%M‘ F@-@‘ DA‘ IBBAF‘ %A‘ .A-@&P%‘ MG&N‘ DA‘ C%BAIL‘ A-‘ @'@%‘‘DACHG‘ ID‘ I%J‘ A.‘ DG@‘ NA-DM‘ A.‘ A3KI-LJ‘ K@DF@@%‘ DG@‘ DFA‘ NA&%DM‘ MN@H&.&@L‘ C%B@MM‘ &D‘ FIM‘ H@-D&.&@L‘ DGID‘ &DM‘ PAALM‘ GIL‘ K@@%‘ @TI3&%@L‘ I%L‘ HB@I-@L‘ ID‘ I‘$@%@D&I%‘ HCMDA3 GACM@‘ G@‘ &3NAM&D&A%‘ A.‘ DG@‘ C%L@-‘ DG@‘ H&-HC3MDI%H@M‘ F&DG‘ FG&HG‘ F@‘ GI'@ 3IL@‘ DG@‘-@IL@-‘ IHSCI&%D@L‘ FIM‘ DI%DI3AC%D‘ DA‘ I‘L@HBI-I? D&A%‘ A.‘ I‘-&PGD‘ A.‘ MA'@-@&P%DJ‘ A'@-‘ DG@‘ L-&ID&H‘R I%L‘ DG@‘ -@NCKB&H‘ L@M&P%@L‘ &D‘ DA‘ K@‘ %ADG&%P‘ B@MM‘ G@‘ MD@N‘ FIM‘ A%@‘ FG&HG‘ HACBL‘ GI-LBJ‘ .I&B‘ DA‘ H-@ID@‘ I‘ P@%@-IB‘ .@@B&%P‘ A.‘ IMDA%&MG3@%D‘ &%‘ DG@‘ N@%&%MCBIR‘ I%L‘ &%‘ DG@‘ HA33@-H&IB‘ DAF%M‘ DGID‘ .@@B&%P‘ NAM&D&'@BJ‘ I3AC%D@L‘ DA‘ HA%MD@-%ID&A%‘ G@‘ A3KI-LM‘ F@-@‘ DA‘ MIJ‘ DG@‘ D-CDG‘ HA3NB@D@BJ‘ DIO@%‘ KJ‘ MC-N-&M@‘ A‘ A%@‘ FIM‘ N-@NI-@L‘ .A-‘ MCHG‘ I‘ &&C%‘ A.‘ I..I&-M‘ %L‘ IBDGACPG‘ &D‘ 3&PGD‘ K@‘ MI&L‘ DBTID‘ DG@‘ N-AQ@HD‘ GIL‘ K@@%‘ GIMD&BJ‘ HA%H@&'@L‘ I%L‘ ILAND@L‘ &%‘ I‘ MN&&&D‘ A.‘-@? M@%D3@%D‘ I%L‘ 3&PGD‘ K@‘ L-ANN@L‘ A%‘ 3IDC-@-‘ -@.B@HD&A%‘ &D‘ FIM‘ SC&D@‘ NBI&%‘ DA‘ DGAM@‘ FGA‘ IDD@%D&'@BJ‘ HA%M&L@-@L‘ DG@‘ MCKQ@HD‘ DGID‘ DG@‘$@%@D&I%M‘ F@-@‘ &%‘ DGA-ACPG‘ @I-%@MD‘ I%L‘ DGID‘ DG@-@‘ FIM‘ %A‘ L&MNAM&D&A%‘ @&DG@-‘ A%‘ DG@‘ NI-D‘ A.‘ DG@‘ N@ANB@‘ A-‘ A%‘ DGID‘ A.‘ DG@&-‘ -CB@-M‘ DA‘ IKI%LA%‘ DG@‘ P-AC%L‘ FG&HG‘ DG@J‘ GIL‘ %@FBJ‘ AHHCN&@L

GID‘ DG@‘ N-@D@%M&A%M‘ A.‘ DG@‘$@%@D&I%M‘ DA‘ DG@‘ MA'@-@&P%DJ‘ A.‘ DG@‘ L-&ID&H‘ .A-3@L‘ I%‘ I%A3IBJ‘ &%‘ DG@‘ NCKB&H‘ BIF‘ A.‘ !C-AN@‘ FIM‘ I‘ NA&%D‘ A%‘ FG&HG‘ DG@-@‘ HACBL‘ GI-LBJ‘ K@‘ I‘ @HA%L‘ AN&%&A%‘ M‘ I‘ SC@MD&A%‘ A.‘-&PGD‘ &D‘ FIM‘ IBDAP@DG@-

C%QCMD' I%L' &%L@.@%M&KB@' *D' FIM' AK'&ACM' DGID' I' DID@' B&O@' DGID' A.'$@%&H@' FGAM@' @%D&-@' D@--&DA-J' FIM' HA3N-@? G@%L@L' &%' I' HBCMD@-' A.' &MBI%LM' I%L' I' %I--AF' MD-&N' A.' HAC%D-J' A%' DG@' ILQA&%&%P' 3I&%BI%L' HACBL' GI'@' %A' D&DB@' DA'HA%MD&DCD@'G@-M@B.'DG@' 3&MD-@MM'A.'I'M@I'A.'FG&HG'MG@'G@BL' MA' M3IBB' I' NA-D&LG' A-' DA' &3NAM@' -@MD-&HD&A%M' A%' DG@' %I'&? PID&A%' A.' MCHG' -&'@-M' IM' DG@' L&P@'DG@'O&I'@'DG@' -@%DI' I%L' DG@' OA' G@' HBI&3' A.' DG@' -@NCKB&H' 3&PGD' GI'@' K@@%' 3A-@' IL3&MM&KB@' ID' DG@' D&3@' %AF' N@-GINM' F@BB %&PG' .A-PADD@%' FG@%' DG@' FID@-M' A.' DG@' 1CB.' F@-@' &%.@MD@L' KJ' DG@' A-3I%M' DG@' I-@%D&%@M' I%L' DG@' I-IH@%M' I%L' FG@%' MG@' FIM' DG@' A%BJ' OAF@-' &%' !C-AN@' HINIKB@' A.' F&DG? MDI%L&%P' DG@' IDDIHOM' I%L' -@N-@MM&%P' DG@' &%-AILM' A.' DG@' HA-MI&-M' CD' DG@' HIM@' FIM' %AF' P-@IDQJ' IBD@-@L' O-&'I? D@@-&%P' I%L' N&-IHJ' DGACPG' %AF' NC-MC@L' IM' IBFIJM' DA' MA3@' @TD@%D' F@-@' %A' BA%P@-' HI--&@L' A%' CNA%' DG@' MI3@' P&PI%D&H' I%L' -@PCBI-' MHIB@' IM' &%' DG@' LIJM' A.' -M@ABA' ** ' I%L' G&M.D&3-I@L&ID@' N-@L@H@MMA-M' I%L' MCHH@MMA-M' G@' @3&%@%D' 3I%' FGA3' F@' GI'@QCMD' %I3@L'GIL'LA%@' 3CHG' KJ' G&M' KABL' I%L' '&PA-ACM' NAB&HJ' DA' NBIH@' I' N@-3I%@%D' HG@HO' A%' I' MJMD@3' MA' L@D-&3@%DIB' &%' @'@-J'-@MN@HD' DA' DB&@' D-IL&%P' &%D@-@MDR I%L' &D' .ABBAF@L' DGID' DG@' NB@I' FG&HG' A%H@' G@BL' PAAL- - DG@' %@H@MM&DJ' .A-' N-AD@HD&%P' DG@' MCKQ@HDM' A.' DG@' -@NCKB&H' &%' DG@' @T@-H&M@' A.' DG@&-' HA33@-H&IB' I'A? HID&A%M' .-A3' &%MCBD' I%L' ACD-IP@ = GIL' BAMD' &%' I' BI-P@' 3@IMC-@' &DM' .A-H@' I%L' 'IB&L&DJ' G@' 3@-@' L@3I%LM' A.' &@NABA' I%L' G&M' HAC%D-J3@%' 3&PGD' M@@3'DG@%' DA' -@MAB'@' DG@3M@B'@M' &%DA' I' '&AB@%D' IHD' A.' DG@' %ID&A%IB' F&BB' FG&HG' GIL' A-&P&%ID@L'&%' I' .&D' A.' &%L&P%ID&A%' ID' DG@' HA%LCHD' A.' DG@' OILCI%M' I%L' DG@&-' %@&PGKAC-M' &%' DG@' BID@' D-I%MIHD&A%' **'

I%L FG&HG DG@ LAP@ I%L DGAM@ FGA HA3NAM@L G&M HAC%H&BM F@-@ B@L KJ DG@ M@%M@ A. &%D@-@MD I%L DG@ HA%MH&ACM%@MM A. MD-@%PDG DA HI--J &%DA N-IHD&HIB @..@HD

*D FIM %AD DA K@ @TN@HD@L GAF@'@- C%L@- I%J H&-? HC3MDI%H@M DGID DG@ ADG@-.-@@HA33C%&D&@M A. A3KI-LJ FACBL DI3@BJ MCK3&D DA DG@ AK%AT&ACM ID A. DG@ $@%@? D&I%' PA'@-%3@%D G@ I-K&D-I-J N-AH@@L&%P A. DG@ BIDD@- FIM A%' DG@ HA%D-I-J '@'@-JFG@-@ HGI-IHD@-&V@L IM I'3A%? MD-ACM I%L &%DAB@-IKB@ CMC-NID&A% CD DG@ @TI3NB@ A. IHD&'@ -@M&MDI%H@ FIM M@D KJ ABAP%I FGA DAAO CN DG@ SCI--@B F&DG HA%M&L@-IKB@ MN&-&D I%L L@D@-3&%ID&A% *D FIM &%' DG@ BIDD@- NI-D A. , DGID DG@ !T@HCD&'@ #AC%H&B A. DG@ KA-ACPG ILL-@MM@L I-@3A%MD-I%H@ DA DG@ LAP@ &% FG&HG DG@J MD-A%PBJ -@N-@M@%D@L DG@ C%QCMD I%L N@-%&H&ACM AN@-ID&A%' A. DG@ < 7 I%L L@3I%L@L Z@'@%' &%' I'MA3@? FGID N@-@3NDA-J DA%@[DG@ -@3A'IB MA .I- IM DG@J F@-@ HA%H@-%@L A. IBB -@MD-&HD&A%M A%' HA33@-H@ 3A-@ NI-? D&HCBI-BJ A%' DG@ D-IL@ FG&HG DG@J HI--&@L A%' &$&DG DG@ NA-DM A. ;A3I%&I' &%' P-I&%' I%L MIBD + ABAP%I F@ I-@ B@L DA QCLP@ GIL %AD K@@%' MA &33@L&ID@BJ DG@ AKQ@HD A. $@%@D&I%' -@M@%D3@%D IM DG@ OILCI%M I%L ADG@-M FGA GIL &%'AO@L DG@ I&L I%L MJ3NIDGJ A. DG@ -@NCKB&H &%' DG@&- L&MD-@MM I%L GIL IKI%LA%@L DG@&- IBBJ &%' DG@ GAC- A. G@- %@H@MM&DJ G@ ABAP%@M@ K@M&L@M F@-@ I'OAF@- FGA3 &D 3&PGD K@ LI%P@-ACM DA A..@%L I%L FGA3 &D FIM H@-DI&%BJ &%@TN@L&@%D DA A..@%L F&DGACD MC..&H&@%D HICM@R DG@&- 3&B&DI-J -@MAC-H@M F@-@ HA%M&L@-IKB@R DG@&- &%.BC@%H@ &%' DG@ NAB&D&HIB MHIB@ A. *DIBJ FIM P-@IDR I%L

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DG@' PA'@-%3@%D' A.' &@NABA' M@@3M' DA' GI'@' DGACPGD' &D' NAB&D&H' DA' 3IO@' F&DG' MA3@' -@M@-'ID&A%M' DG@' HA%H@MM&A%M' -@SC&-@L' *%' DG@' MI3@' J@I-'Z , [' I'D-@IDJ' FIM' IHHA-L? &%PBJ' HA%HBCL@L' KJ' FG&HG' 3CDCIB' N-AD@HD&A%' I%L' M@HC-&DJ' F@-@' PCI-I%D@@L' I%L' KJ' FG&HG' DG@' 7 ' FIM' -@BIT@L' &%' H@-DI&%' &%MDI%H@M' &%' .I'AC-'A.' DG@' ABAP%@M@' CD'A%' DG@' ADG@-' GI%L' DG@-@' F@-@' MA3@' NA&%DM' A%' FG&HG' DG@' LAP@' I%L' G&M' #ABB@P@' -@3I&%@L' &33A'IKB@' I%L' A%' DGAM@' DG@' ADG@-' HA%D-IHD&%P' NI-DJ' MIF' G@-M@B.' HA3N@BB@L' DA' J&@BL'

GID' DG@' NA&%DM' F@-@' FG&HG' DG@' $@%@D&I%' !T@HCD&'@' -@? .CM@L' DA' FI&'@' A-' DA' FG&HG' &D' L@HB&%@L' DA' P&'@' I' 3AL&.&@L' &%D@-N-@DID&A%' F@' I-@' C%IKB@' DA' L&MHA'@-' I%L' &D' &M' %AD' A%@' A.' DGAM@' HIM@M' &%' FG&HG' DG@' FI%D' A.' &%.A-3ID&A% HACBL' &%' I%J' FIJ' K@' MCNNB&@L' .-A3' HA%Q@HDC-@

GA-DBJ' I.D@-FI-LM' F@'.&%L'DGID' I%' I--I%P@3@%D'MA3@? FGID' M&3&BI-' DA' DGID' FG&HG' GIL' K@@%' @..@HD@L' F&DG' DG@' ABAP%@M@'DAAO' NBIH@' K@DF@@%' DG@' -@NCKB&H' I%L' DG@' B&DDB@' DID@'A.&.A-B&' FG&HG' GIL'QA&%@L' &%' DG@' N-AD@MD' IPI&%MD' DG@' 2;&PGD' A.' @I-HG' I%L' DG@' 1CB.'<C@M' G@' DAF%' A.'"A-B&' FIM' M&DCID@L' A%' I'.@-D&B@' NBI&%'%@I-' DG@' HA%.&%@M' A.' DG@' ;IKK&' I%L' DG@' A%DA%@'.&.D@@%' 3&B@M' .-A3' ;I'@%%I' I%L' .A-DJ' .-A3' ABAP%I'&DM@B.

G@-@' F@-@' MA3@' FGA' 3&PGD' K@' &%HB&%@L' DA' MCNNAM@' DGID' DG@' LI%P@-'A.'I'-CNDC-@' K@DF@@%' $@%&H@' I%L' ABAP%I' FG&HG' GIL' ID' A%@' D&3@' INN@I-@L' %AD' &3N-AKIKB@' FIM' @%D&-@BJ' -@3A'@L' KJ' DG@' D-@IDJ' A.' , ' CHG' GAF@'@-' FIM' '@-J' .I-' .-A3' K@&%P' DG@' HIM@' G@' ABAP%@M@' %AD? F&DGMDI%L&%P' DG@&-' IHH@NDI%H@' A.' DG@' D@--IM' A..@-@L' DA' DG@&-' -@N-@M@%DID&'@M' KJ' DG@' LAP@' I%L' DG@' NB@LP@M' A.' .-&@%LBJ' HA%.&L@%H@' FG&HG' DG@J' GIL' @THGI%P@L' F&DG

<<< 0"2 A1V A3 B"$ c @ =: /

&@NABA A-' G&M 3&%&MD@-M A%' DG@' AHHIM&A%' &%' SC@MD&A%' MD&BB' N-@M@-'@L' DG@&-' .CBB' MGI-@' A.' &%L&P%ID&A%' I%L' -@M@%D3@%D' ID' DG@' %@ .&MHIB' MJMD@3' &%D-ALCH@L' KJ' DG@' -@NCKB&H' A%' DG@' L&L&ID&H'R I%L' DG@J' HGI.@L' @'@%' B@MM' N@-GINM' ID' DG@' 3@IMC-@' &DM@B.' DGI%' ID' DG@' I-K&DI-J' I%L' DJ-I%%&HIB' MN&-&D' &%' FG&HG' &D' FIM' HA%H@&'@L' I%L' @MDIKB&MG@L' G@' MN@H&IB' 3AL&.&HID&A%' A.' DG@' I-&..'&%' DG@&-' .I'AC-S' FG&HG' DG@J' GIL' -@PI-L@L' A-' I..@HD@L' DA' -@PI-L' ID' DG@' D&3@' IM' I' B&K@-IB' I%L' N-A3ND' HA%H@MM&A%' A%' DG@' NI-D' A.' DG@' -@NCKB&H' IN? N@I-@L'A%' I'.-@MG' I%L' 3A-@' L@B&K@-ID@' MC-'@J' A.' DG@' SC@M? D&A%' -IDG@-' &%' DG@' B&PGD' A.' I' HA3N-A3&M@' KJ' FG&HG' DG@' $@%@D&I%' @%ID@' FIM' A%BJ' DAA' PBIL' DA' NC-HGIM@' DG@&-' M&B@%H@' I%L' HABBCM&A%'R I%L' FGID' FIM' 3A-@' DG@' -@IL&%@MM' A.' DG@' <CHIB' PA'@-%3@%D' DA' HA3NBJ' F&DG' DG@&-' -@N-@M@%DI? D&A%M' IM' F@BB' IM' F&DG' DGAM@' A.' OA-B&' .C-%&MG@L' I' .I&-' &%.@-? @%H@' DGID' &.' MA' 3CHG' GIL' K@@%' HA%H@L@L' A%' DG@&-' M&3NB@' -@3A%MD-I%H@' DG@-@' FACBL' %AD' K@' I%J' HA%M&L@-IKB@' L&..&? HCBDJ' &%' -@PI&%&%P' KJ' I%ADG@-' I%L' MD-A%P@-' @..A-D' IBB' DG@' HA33@-H&IB' B&K@-D&@M' FG&HG' DG@J' GIL' BAMD' D' DG@' MI3@' D&3@' DG@' ABAP%@M@' F@-@' %AD' &%M@%M&KB@' DA' DG@' @TN@L&@%HJ' A.' O@@N&%P' DG@&-' KABL' I%L' HG&'IB-ACM' L@M&P%' IM' .I-' IM' NAM'' M&KB@' I' M@H-@D' C%D&B' DG@' N-@NI-ID&A%M' .A-' HI--J&%P' &D' ACD' F@-@' &%' I' 3A-@' IL'I%H@L' MDIP@' A.' N-AP-@MM'R FGID' 3@I%M' DG@J' DAAO' DA' @..@HD' DG@' L@M&-@L' AKQ@HD' F&BB' LCBJ' INN@I- :AF@'@-' L&..&HCBD' I%L' C%N-A.&DIKB@' &%' -@IB&DJ' MCHG' I' DIMO' 3&PGD' K@'DG@' !T@HCD&'@' #AC%H&B' A.' ABAP%I' LA@M' %AD' M@@3' DA' GI'@' I%D&H&NID@L' DGID' &D' FA&&BL' K@' ADG@-F&M@' DGI%' @IMJ' DA' GAALF&%O' DG@' PA'@-%3@%D' A.' DG@' -@NCKB&H' KJ' MA3@' HA33A%' L&NBA3ID&H' I-D&.&H@' I%L' DG-AF' DG@' $@%@D&I%M' A..' DG@&-' PCI-L' KACD' I' DF@B'@3A%DG' I.D@-

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DG@ -ID&.&HID&A% A. DG@ D-@IDJ A. DG@ J@I- , I M@HA%L @3KIMMJ .-A3 ABAP%I FI&D@L A% DG@ <AP@ &@NABA DA &%SC.&@ FG@DG@- I%J AKQ@HD&A% @T&MD@L A% DG@ NI-D A. G&M @-@%&DJ I%L DG@ -@NCKB&H DA DG@) @MDIKB&MG3@%D KJ DG@&- 3C%&H&NIB&DJ A. I .A-D ID O-& 3I-AO ID DG@ 3ACDG A. DG@ OA L&-@HDBJ ANNAM&D@ DG@ ABL $@%@D&I% HIMDB@ A. I% BK@-DA .A- DG@ K@DD@- N-AD@H? D&A% A. ABAP%@M@ D-IL@ I%L %I'&PID&A% &% DGID SCI-D@- G@ @3KIMMJ GIL &%MD-CHD&A%M &D INN@I-@L DA DIO@ DG@ M@%M@ A. DG@ &P%A-J A% DG@ 3IDD@- I%L DA -@DC-% F&DG I L@.&%&D&'@ -@NBJ

CD C%.A-DC%ID@BJ .A- DG@ MCHH@MM A. DG&M B&DDB@ N&@H@ A. D@3NA-&V&%P L&NBA3IHJ &D GINN@%@L DGID DG@ LAP@ I%L G&M IL'&M@-M F@-@ IB-@ILJ &% NAMM@MM&A% A. H@-DI&% &%? .A-3ID&A% FG&HG @%IKB@L DG@3 ID A%H@ DA M@@ DG-ACPG DG@ I-D&.&H@ I%L DA 3@@D DG@ @%@3J A% DG@&- AF% P-AC%L "A- &D FIM N@-.@HDBJ F@BB O%AF% ID ;&IBDA DGID DG@ FA-O A. F G&m DG@ L@NCD&@M 3@-@BJ MNAO@ IM &% HA%D@3NBID&A% 2FIM IHDCIBBJ &% N-AP-@MM I%L DGID DG@MNAL@MDI I%L 3C? %&H&NIB HAC%H&B A. DG@ KA-ACPG GIL .A- MA3@ D&3@ NIMD K@@% IHD&'@BJ @%PIP@L &% -@H-C&D&%P DG@ BAHIB 3&B&D&I IM F@BB IM &% .A-3&%P IBB&I%H@M &% M@'@-IB SCI-D@-M GAMD&B@ DA DG@ $@%@D&I% HA33A%F@IBDG *D FIM @'@% -@NA-D@L DGID DG@ D-AANM B@'&@L A- DA K@ B@'&@L KJ DG@ %@F B@IPC@ FACBL %AD .IB .I- MGA-D A. '3@% A. IBB I--IM "-A3 DG@M@ 3A'@3@%DM &D FIM MHI-H@BJ NAMM&KB@ DA L-IF ADG@- DGI% A%@&%.@-@%H@ I%L DGID &%.@-@%H@ FIM %AD .I'AC-IKB@ DA DG@ M&%H@-&DJ A. DG@ ABAP%@M@ L&NBA3ID&MDM I%L DG@&- @3NBAJ@-M *D MGA-D &D FIM SC&D@ 3I%&.@MD DA IBB FGA O%@F DG@ .IHDM I%L @FHC3MDI%H@M DGID DG@ N-@M@%D %@PA

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D&ID&A%‘ GIL‘ K@@%‘ AN@%@L‘ M&3NBJ‘ .A-‘ DG@‘ NC-NAM@‘ A.‘ PI&%? &%P‘ D&3@‘ I%L‘ IM‘ I%‘ @TN@L&@%D‘ Z%AD‘ DG@‘ 3AMD‘ GINNJ‘ N@-? HGI%H@‘ FG&HG‘ HACBL‘ GI'@‘ K@@%‘ L@'&M@L[‘ .A-‘ L&MI-3&%P‘ -‘ ID‘ IBB‘ @'@%DM‘ 3&MB@IL&%P‘ DG@‘ MCMN&H&A%M‘ A.‘ DG@‘ $@%@D&I%‘ PA'@-%3@%D

%L@-‘ MCHG‘ H&-HC3MDI%H@M‘ DG@‘ L@NCD&@M‘ F@-@‘ L@M&-@L‘ KJ‘ &@NABA‘ DA‘ IHSCI&%D‘ DG@&-‘ PA'@-%3@%D‘ DGID‘ IM‘ DG@‘ N-A? NAM&D&A%‘ A.‘ FG&HG‘ DG@J‘ F@-@‘ DG@‘ K@I-@-M‘ FIM‘ .AC%L‘ DA‘ &%'AB'@‘ H@-DI&%‘ NA&%DM‘ L@3I%L&%P‘ HI-@.CB‘ I%L‘ 3IDC-@‘ HA%M&L@-ID&A%‘ G@‘ FACBL‘ DIO@‘ D&3@‘ DA‘ L@H&L@‘ FGID‘ I%MF@-‘ MGACBL‘ K@‘ P&'@%‘ I%L‘ DGID‘ IM‘ MAA%‘ IM‘ MCHG‘ I‘ L@H&M&A%‘ FIM‘ I--&'@L‘ ID‘ &D‘ MGACBL‘ K@‘ HA33C%&HID@L‘ DG-ACPG‘ DG@‘ N-AN@-‘ I%L‘ A-L&%I-J‘ HGI%%@B‘ &DG‘ DG&M‘ 3@MMIP@‘ DG@‘ @%'AJM‘ A.‘ ABAP%I‘ F@-@‘ L&M3&MM@L

G@‘ -@NCKB&H‘ %AF‘ NBI&%BJ‘ N@-H@&'@L‘ DGID‘ MG@‘ FIM‘ -@? LCH@L‘ DA‘ DG@‘ ILAND&A%‘ A.‘ A%@‘ A.‘ DFA‘ HAC-M@M‘ %‘ DG@‘ A%@‘ GI%L‘ &D‘ FIM‘ MD&BB‘ AN@%‘ DA‘ G@-‘ DA IKI%LA%‘ DG@‘ ;&PGD‘ A.‘ @I-HG‘ I%L‘ DG@‘ 1CB.‘ <C@M‘ I%L‘ DGCM‘ DA‘ -@%AC%H@‘ DG@‘)A'@-@&P%DJ‘ A.‘ DG@‘ L-&ID&H‘ FG&HG‘ MG@‘ GIL‘ MA‘ -@H@%DBJ‘ IMMC3@L‘ -‘ A%‘ DG@‘ ADG@-‘ &.‘ MG@‘ FIM‘ %AD‘ L&MNAM@L‘ DA‘ .A-@PA‘ DGAM@‘ HBI&3M‘ I%L‘ DGID‘ MA'@-@&P%DJ‘ &D‘ K@HI3@‘ IKMA? BCD@BJ‘ %@H@MMI-J‘ DA‘ N-@NI-@‘ .A-‘ FI-‘ @DF@@%‘ DG@M@‘ DFA‘ HAC-M@M‘ DG@‘ &%MD&%HD&'@‘ M@%M@‘ A.‘ GA%AC-‘ I%L‘ N-&L@‘ 3&PGD‘ GI-LBJ‘ M@@3‘ DA‘ B@I'@‘ I%‘ AND&A%‘ J@D‘ DG@‘ D@3N@-‘ A.‘ I‘ 3@-HI%D&B@‘ HA33C%&DJ‘ &M‘ P@%@-IBBJ‘ HICD&ACM‘ I%L‘ L&MNIM? M&A%ID@R‘ I%L‘ &D‘ FIM‘ A%BJ‘ ID‘ DG@‘ HBAM@‘ A.‘ I‘ B@%PDG@%@L‘ L@KID@‘DGID‘DG@‘1-@ID‘#AC%H&B‘HGAM@‘DG@‘BIDD@-‘IBD@-%ID&'@

M‘ MAA%‘ DG@%‘ IM‘ DG@‘ L@NCD&@M‘ F@-@‘ PA%@‘ I‘ M3IBB‘ *MSCIL-A%‘ A.‘ PIBB@JM‘ I%L‘ B&PGD@-‘ '@MM@BM‘ FIM‘ PAD‘ &%‘ -@IL&? %@MM‘ I%L‘ NBIH@L‘ C%L@-‘ DG@‘ HA33I%L‘ A.‘ I-HA‘ ILAH-

' / (' 0"2 A1V' A3' B"$ ' E

FGA' FIM' .C-%&MG@L' KJ' DG@' LAP@' F&DG' &%MD-CHD&A%M' DA' &-AH@@L' DA' I%' BK@-DA'DA' MD-@%PDG@%' DGID' NAM&D&A%' KJ' NBIH&%P' DG@' %@PB@HD@L' .A-D&.&HID&A%M' &%' -@NI&-'IM' .I-' IM' G&M' D&3@' I%L' 3@I%M' FACBL' IL3&D'I%L' DA' 3IO@' &D' I' NA&%D' .-A3' FG&HG' G@' 3&PGD' O@@N' DG@' @%@3J' &%' HG@HO'A-' L&-@HD' 3A-@'IHD&'@' AN@-ID&A%M' G@' D-AANM' FG&HG' IHHA3NI%&@L' DG@' @TN@L&D&A%' A.' ILA@-'HA%M&MD@L' HG&@.BJ'&.'%AD' @%? D&-@BJ'A.' 3&B&D&I'-I&M@L' &%' DG@' M&T' FI-LM' A.'$@%&H@' I%L' &%' DG@' M@NI-ID@' QC-&ML&HD&A%' A.' #G&AVVIR' I%L'IBDGACPG' MA3@FGID' B&3&D@L' &%' %C3K@-'DG@J' F@-@' I3NBJ' N-A'&L@L' F&DG' @'@-J' &3NB@3@%D' A.' FI-.I-@' I%L' F&DG' I' NAF@-.CB' I-D&BB@-J

D' DG@' MI3@' D&3@' &%' .CB.&B3@%D' A.' DG@' N-A3&M@' FG&HG' G@' GIL' 3IL@' DA' G&M' BID@' '&M&DA-M' &@NABA' L@MNIDHG@L' 1&A'I%%&&<I%LABA' I%L' &HABA' _C&'&%&' DA' ABAP%I' DA' M&P%&.J' DA' DGID' PA'@-%3@%D'DGID' DG@' -@NCKB&H' FIM' %AD' L&MNAM@L' DA'L@NI-D' .-A3' G@-'A-&P&%IB' -@MABCD&A%' &%' -@MN@HD' DA' DG@' DQ&-&..' I%L' DGID' MG@' .@BD' DGID' MG@' HACBL' %AD' HA%? M&MD@%DBJ' F&DG' I' LC@' -@PI-L' DA' G@-' AF% HA33@-H&IB' I%L' NAB&D&HIB' &%D@-@MDM'IHH@L@' DA' DG@' N-ANAM&D&A%' A.' DG@' ABAP? %@M@' .A-' DG@' @-@HD&A%' A.' I' .A-D' ID' O-&3I-A' A%' DG@' "A' "C& DG@-3A-@'<I%LABA' I%L' G&M' HABB@IPC@' F@-@' ICDGA-&V@L' DA'-@HA33@%L'DG@' NAL@MDM' I%L' G&M' IL'&M@-M' DA' L@M&MD' .-A3' I' N-AQ@HD' FG&HG'&.' HI--&@L' ACDR' FACBL' MHI-H@BJ' .I&B' DA' GI'@' DG@' @..@HD' A.' N-ALCH&%P' I'-CNDC-@' K@DF@@%' DG@' DFA' DID@M' @' LACKD' @TH@@L&%PBJ' GAF@'@-'FG@DG@-' DG@' -@NCKB&H' M@-&ACMBJ' I%D&H&NID@L' I%J' P-@ID' -@MCBDM' .-A3' DG&M' HABBID@-IB' %@PAD&ID&A%' I%L' FG@DG@-' G@-' -CB@-M' -@IBBJ' @TN@HD@L' DGID' DG@&-' IL'&H@' FACBL' GI'@' 3CHG' F@&PGD' F&DG' DG@' ABAP%@M@' PA'@-%3@%D' D' IBB' @'@%DM'DG@' I3KIMMILA-M' -@DC-%@L' &%

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LC@‘ D&3@‘ F&DGACD‘ GI'&%P‘ IHG&@'@L‘ I%JDG&%P‘ K@JA%L‘ DG@‘ &33@L&ID@‘ AKQ@HD‘ A.‘DG@&-‘ 3&MM&A%

*%L@@L‘ &.‘ I‘ N@I@@.CB‘ M@DDB@3@%D‘ A.‘ DG@‘ I-&..‘SC@MD&A%‘ GIL‘ @'@-‘ K@@%‘ .@IM&KB@‘ &D‘ FIM‘ MAA%‘ -@%L@-@L‘ GAN@B@MM‘ KJ‘ DG@‘ DC-%‘ A.‘ I..I&-M‘ A%‘ DG@‘ OA‘ FG&HG‘ DAA‘ HB@I-BJ‘ NA-D@%L@L‘ DG@‘ INN-AIHG‘ A.‘ I‘ M@'@-@‘ MD-CPPB@‘ K@DF@@%‘ DG@‘ -@NCKB&H‘ I%L‘ G@-‘ -@.-IHDA-J‘ %@&PGKAC-M‘ A%‘ I ‘ %‘ G&M‘ I--&'IB‘ ID‘ I%‘ BK@-DA‘ F&DG‘ DG@‘ MSCIL-A%‘ I%L‘ D-AANM‘ C%L@-‘ G&M‘ HGI-P@‘ I-HA‘ ILA@-‘.AC%L‘DGID‘ DG@‘ @%@3J‘ IB-@ILJ‘ AHHCN&@L‘ I‘ NAM&D&A%‘ A%‘ DG@‘ ANNAM&D@‘ KI%O‘ A.‘ DG@‘ -&'@-‘ FG@-@‘ %ADF&DGMDI%L&%P‘ DG@‘ C%.I'AC-IKB@‘ %IDC-@‘ A.‘ DG@‘ 3@MMIP@‘ HA%'@J@L‘ KJ‘ DG@‘ LAP@‘ DG-ACPG‘ G&M‘ -@N-@? M@%DID&'@M‘DG@‘ %@F‘.A-D‘ FIM‘ &%‘ HAC-M@‘ A.‘ HA%MD-CHD&A%‘ *D‘ FIM‘ DA‘ K@‘ M@@%‘ IBMA‘ DG ID‘ DG@‘ ABAP%@M@‘ GIL‘ %AD‘ @T@-D@L‘ &%‘ 'I&%‘ DG@‘ 'IMD‘ NAB&D&HIB‘ &%.BC@%H@‘ FG&HG‘ DG@J‘ NAMM@MM@L‘ &%‘ DG@‘ N@%&%MCBI‘R DG@‘ 3&B&D&I‘A.‘OA-B&‘ ;I'@%%I‘ I%L‘ ADG@-‘ DAF%M‘ FG&HG‘ DG@J‘ G@BL‘ &%‘ L@N@%L@%H@‘ A-‘ FGA‘ F@-@‘ .@BBAF MC..@-@-M‘ KJ‘ DG@‘ $@%@D&I%‘ 7 ‘F@-W‘ 3I-MGIBB@L‘ C%L@-‘ DG@‘ KI%%@-M‘ A.‘DG@&-‘ NAL@MDm‘ I%.-I%HA‘ IBBCH@BB&‘ FGA‘ GIL‘ DIO@%‘ DG@‘ .&@BL‘ &%‘ N@-MA%R‘ I%L‘ IBDGACPG‘ F@‘ HI%%AD‘ -@IL&BJ‘ K@B&@'@‘ IM‘ <I-C‘ I%L‘ ADG@-‘ F-&D@-M‘ IBB@P@‘ DGID‘ DG@J‘ GIL‘ IM‘ 3I%J‘ IM‘ +‘ 3@%‘ C%L@-‘ I-3M‘ &D‘ M@@3M‘N-AKIKB@‘DGID‘DG@&-‘.A-H@M‘.I-‘@TH@@L@L‘DGAM@‘FG&HG‘ DG@‘ -@NCKB&H‘ GIL‘ NBIH@L‘ ID‘ DG@‘ L&MNAMIB‘ A.‘ G@-‘ P@%@-IB‘ G@‘ OAL@MDm‘ LA@M‘ %AD‘ INN@I-‘ GAF@'@-‘ DA‘ GI'@‘ K@@%‘ @%? HAC-IP@L‘ KJ‘ G&M‘ %C3@-&HIB‘ MCN@-&A-&DJ‘ DA‘ H-AMM‘ DG@‘ -&'@-‘ FG&HG‘ M@NI-ID@L‘ G&3‘ .-A3‘ G&M‘ ANNA%@%DM‘ I%L‘ DA‘ K-&%P‘ DG@‘ BIDD@-‘ DA‘ I%‘ @%PIP@3@%DR‘ I%L‘ LC-&%P‘ I%‘ @%D&-@‘ N@-&AL

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A.' DFA' 3A%DGM' KADG' I-3&@M' BIJ' &%IHD&'@' &.' F@' 3IJ' @TH@ND' A%@' MB&PGD' AN@-ID&A%' &%' FG&HG' ILA@-' IDDIHO@L' DG@' @%@3JUM' NAM&D&A%' I%L' 3@D' F&DG' I'-@NCBM@' %' DG@' @T? N&-ID&A%' A.' DG@' M@HA%L' 3A%DG' ILA@-' FIM' -@B&@'@L' KJ' ;I..I@BBA' @DDI%A' I%L' OI%H-IV&A' I-KA' FGA' L&'&L@L' DG@' HA&N3I%L' DG@M)' A..&H@-M' K-ACPGD' HA%M&L@&UIKB@' -@&%.A-H@? 3@%DM' .-A3' $@%&H@' CD' MD&BB' 3IDD@-M' -@3I&%@L' F&DGACD' I%J' 3I-O@L' IBD@-ID&A%' A-' &3N-A'@3@%D' DG@' K@BB&P@-@%DM' @TG&K&D&%P' I'3CDCIB' -@BCHDI%H@' DA' 3@IMC-@' DG@&-' MD-@%PDGR' I%L' &%'DG@' $@%@D&I%'HI3N' ID' I%' BK@-DA'DG@' A%BJ'.@IDC-@' FG&HG' ID' IBB' D@%L@L' DA' K-@IO' DG@' 3A%ADA%J' A.' DG@' MH@%@' FIM'DG@' I--&'IB'ID'-@PCBI-'&%D@-'IBM' A.'DFA' 3A%DGM' A.' I' %@F' P@%@-IB&MM&3A' FGA' KA-@' G&M' N-@L@H@MMA-UM' B@DD@-M' A.'-@HIB' *%'DG&M' 3I%%@-'DG@' A..&H@' FG&HG' GIL' K@@%' .&BB@L' &%'DG@' .&-MD' &%MDI%H@' KJ' I-HA' ILA@-' NIMM@L' MCHH@MM&'@BJ' &%DA' DG@' GI%LM' A.'5IHANA' <I%LABA' 1&A'I%%&' &@NABA' I%L' 1G@-I-' L&%A' A%PA' G@M@' MA3@FGID' .-@SC@%D' HGI%P@M' LA' %AD' %@H@MMI-&BJ' &3NBJ' DGID' DG@' PA'@-%3@%D' FIM' L&MMID&M.&@L' F&DG' DG@' HA%LCHD' A.' &DM' M@-'I%DM' IBDGACPG' MA3@' L@P-@@' A.' &3NID&@%H@' I%L' L&MNB@IMC-@' 3&PGD' %AD' C%-@IMA%IKBJ' GI'@' K@@%' @TH&D@L' KJ' DG@' MBAF' N-AP-@MM' A.' DG@' FI-R FM' MGACBL' -IDG@-'2IDD-&KCD@' DG@3' DA' DG@' %I--AF' Q@IBACMJ' FG&HG' N-@'I&B@L' &%' DG@' I-&MDAH-ID&H' HA33C%&D&@M' A.' DGID' IP@' A.'&%L&'&LCIB' NAF@-' I%L' L&MD&%HD&A%' I%L' DA' DG@' .@I-' B@MD' DG@' N@-MA%IB' 3@-&D' A.' I' P@%@-IB' MGACBL' PI&%' I%' C%LC@' I%L' LI%P@-ACM' &%.BC@%H@' A'@-' DG@' G@I-DM' A.' G&M' D-AANM

*%' .&T&%P' A%' 1G@-I-L&%A' A%PA' .A-' DG@' HG&@.' HA33I%L' &D' HACBL' %AD' K@' MI&L' GAF@'@-' DGID' DG@' LAP@' I%L' G&M' IL'&M@-M' GIL' 3IL@' I' GINNJ' A-' @'@%' I' QCL&H&ACM' HGA&H@

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G@' HINIH&DJ' A.' DGID' A..&H@-' FIM' HB@I-BJ' C%@SCIB' DA' DG@' N-AN@-' L&MHGI-P@' A.' DG@' LCD&@M' A.' MA' G&PG' I%L' MA' -@MNA%? M&KB@' I' NAM&D&A%' : &M' D@3N@-' FIM' D&3&L' I%L' &--@MABCD@' I%L' G@' FI%D@L' KADG' HAC-IP@' I%L' %@-'@' *D' FIM' D-C@' GAF@'@-'DGID' DG@' H&-HC3MDI%H@M' &%' FG&HG' G@' .AC%L' G&3? M@B.' NBIH@L' A%' G&M' I--&'IB' ID' G@IL SCI-D@-M' F@-@' %AD' I' B&DDB@' L&..&HCBD' I%L' D-J&%P' *D' FIM' &%' DG@' MC33@-'A.' / ' DGID' A%PA' QA&%@L' DG@' I-3J'R DG@' F@IDG@-' IM' FIM' DA' K@' @TN@HD@L' ID' DGID' M@IMA%' FIM' GAD' I%L' &3G@IBDGJ'R I%L' MGA-DBJ' I.D@-' G&M' IMMC3ND&A%' A.' DG@' HA33I%L' DG@' NBIPC@' K-AO@' ACD' &%' DG@' -I%OM' G@' MC..@-&%PM' A.' DG@' MABL&@-M' FW-@' D@--&KB@'R DG@' @N&L@3&H' N-A'@L' .IDIB' DA' BI-P@' %C3 '' K@-MR' I%L' DGAM@' FGA' @MHIN@L' &DM' -I'IP@M' F@-@' @%@-'ID@L' KJ' M&HO%@MM' I%L' L&MG@I-D@%@L' KJ' DG@' BAMM' A.' DG@&-' HA3? -IL@M' G@' OAL@MDm' IBBCH@BB&' HA%H@&'@L' DGID' I%' IL3&? -IKB@' ANNA-DC%&DJ' GIL' DGCM' N-@M@%D@L' &DM@B.' .A-' 3IO&%P' I' L@MH@%D' &%' KAIDM' A%' I%' BK@-DA' I3&L' DG@' P@%@-IB' HA%.C? M&A%' I%L' L&MD-@MM' FG&HG' FIM' C%L@-MDAAL' DA' N-@'I&B' &%' DG@' $@%@D&I%' HI3N' I%L' IDDIHO&%P' DG@' @%@3JUM' NAM&D&A%' K@? .A-@' L&MH&NB&%@' FIM' -@MDA-@L' A-' %@F' -@&%.A-@@3@%DM' F@-@' -@H@&'@L' G@' N-AQ@HD' FIM' ID' A%H@' HI--&@L' ACD' &DM' MCH? H@MM' HACBL' GI-LBJ' GI'@' K@@%' 3A-@' M&P%IBR' DG@' $@%@D&I%M' IKMA-K@L' I%L' L&MD-IHD@L' KJ' DG@&-' AF%' D-ACKB@M' F@-@' HA3? NB@D@BJ' DIO@%' KJ' MC-N-&M@'2 DG@J' F@-@' M@&V@L' KJ' I' NI%&H' D@--A-' I%L' HA%MD@-%ID&A%R' I%L' IBBCH@BB&' GIL' DG@' MID&M.IH? D&A%' A.' M@@&%P' G&M' .A@M' -@D-@ID' &%' N-@H&N&DID&A%' A%' $ABI%A' B@I'&%P' K@G&%L' DG@3' I' 'IBCIKB@' KAADJ' &%' DG@' .A-3' A.' KIPPIP@' I-3M' KI%%@-M' I%L' IHHACD-@3@%DM' : I'&%P' IHG&@'@L' DG&M' @TNBA&D' FG&HG' 3&PGD' K@' HA%M&L@-@L' K-&BB&I%D' &%L@@L' J@D' FG&HG' IMMC-@LBJ' L&L' %AD' -@.B@HD' 3CHG' H-@L&D

A% DGAM@ +[&A F@-@ HA%H@-%@L &% &D DG@ ABAP%@M@ I%L DG@&- NAL@MDm -@ @3KI-O@L I%L -@DC-%@L DA O-&3I-A F&DG DG@&- D-ANG&@M I%L NBC%L@- @&DG@- NI-DJ M@@3@L L@? M&-ACM A. -@%@F&%P DG@ HA%D@MD G@ .&%IB MD-CPPB@ FIM -@M@-'@L &D 3.PGD M@@3 .A- I%ADG@- HI3NI&P%

GCM DG@ KI--@% ACDB&%@ FG&HG F@ GI'@ MO@DHG@L &% DG@ .@F N-@H@L&%P NIP@M 3CMD K@ -@PI-L@L IM DG@ G&MDA-J A. DG@ .&-MD FI- &% FG&HG $@%&H@ GIL @'@- @%PIP@L F&DG ABAP%I .-A3 DG@ N@-&AL ID FG&HG DGID FI- FIM C%L@-? DIO@% &% / DA DG@ HBAM@ A. DG@ .ABBAF&%P J@I-R MA F&L@ I L&MN-ANA-D&A% @T&MD@L K@DF@@% DG@ ACDBIJ I%L @T@-D&A%M 3IL@ &% DG@ HICM@ A% KADG M&L@M I%L DG@ -@MCBDM AKDI&%@L GID@'@- L@P-@@ A. @TIPP@-ID&A% GAF@'@- F@ &%IJ MCM? N@HD &% DG@ .&PC-@M P&'@% KJ <I #I%IB@ I%L .ABBAF@L KJ BID@- F-&D@-M DG@-@ &M @'@-J N-AKIK&B&DJ DGID DG@ N-@NI-I? D&A%M &. %AD DG@ @TN@%M@M]A. DG@ ABAP%@M@ F@-@ A% I 3CHG BI-P@- MHIB@ DGI% DGAM@ A. DG@ -@NCKB&HR I%L F@ 3IJ HA%HBCL@ DGID DG@ L&MINNA&%D3@%D A. DG@ .A-3@- FIM HA-? -@MNA%L&%PBJ M@'@-@ "A- IBDGACPG DG+ NAL@MDm I%L G&M .@BBAF H&D&V@%M GIL HA33@%H@L GAMD&B&D&@M C%L@- DG@ 3AMD .I'AC-IKB@ ICMN&H@M I%L IBDGACPG DG@J GIL GIL I3NB@ ANNA-DC%&D&@M %. 3IDC-&%P DG@&- NBI%M IM F@BB IM A. ILAND&%P I%J 3@IMC-@M FG&HG 3&PGD K@ HA%LCH&'@ DA MCHH@MM DG@ A%BJ IL'I%DIP@ FG&HG DG@J HACBL K@ MI&L DA GI'@ PI&%@L G&DG@-DA HA%M&MD@L &% DG@ CM@ FG&HG DG@J KIL 3IL@ A. DG@ C%.A-DC%ID@ I%L G@BNB@MM HA%L&D&A% A. DG@&- .A@M KJL-&'&%P DG@3 .-A3 DG@&- NAM&D&A% R I%L DGID IL'I%DIP@ FIM NC-@BJ D@3NA-I-J I%L A. I HGI-IHD@- DG@ B@IMD &3NA-DI%D A .I- IM DG@ $@%@D&I%M F@-@ HA%H@-%@L DG@&- BAMM FIM HG&@.BJ 3ID@-&IB R 3A-IBBJ DG@ -@'@-M@ FG&HG

DG@J GIL MCMDI&%@L GIL GIL %A LI3IP&%P &%.BC@%H@ %
DG@ HA%D-I-J &D MD&3CBID@L DG@ -@NCKB&H DA .-@MG I%L 3A-@
MD-@%CACM @T@-D&A%M

G@ %@FM A. DG@ -@D-@ID A% $ABI%A FG&HG &D 3IJ K@
'@-J .I&-BJ IMMC3@L FIM .A-FI-L@L DA DG@ LAP@ F&DG?
ACD C%%@H@MMI-J L@BIJ HACBL %AD .I&B ID DG@ MI3@ D&3@
DA N-ALCH@ I N-A.AC%L M@%MID&A% A% DG@ NCKB&H 3&%L A.
$@%&H@ *D FIM KADG I MDI&% A% DG@ %ID&A%IB GA%AC- I%L
I% C%@TN@HD@L KBAF DA DG@ GAN@M 3A-@ A- B@MM MI%PC&%@
3A-@ A- B@MM QCMD FG&HG GIL K@@% .A-3@L A. DG@ CBD&3ID@
MCHH@MM A. DG@ $@%@D&I% I-3M A% DG@ OA *D FIM %IDC-IB
@%ACPG DGID &@NABA I%L G&M 3&%&MD@-M MGACBL K@ I%T&ACM
DA IMH@-DI&% ID DG@ @I-B&@MD 3A3@%D DG@ D-C@ HICM@ A. DG@
L&MIMD@- I%L DA K@ &% NAMM@MM&A% A. IBB DG@ H&-HC3MDI%H@M
FG&HG GIL B@L DA MCHG I L&MP-IH@.CB HIDIMD-ANG@R I%L
FGID@'@- @TNBI%ID&A%M 3&PGD GI'@ K@@% P&'@% KJ A%PA
&% G&M L@MNIDHG@M A. DG@ C%.A-DC%ID@ I..I&- &D M@@3M
N@-.@HDBJ HB@I- DGID DG@J .I&B@L IBDAP@DG@- DA MID&M.J DG@
PA'@-%3@%D A- DA -@3A'@ I MCMN&H&A% A. MA3@DG&%P @'@%
FA-M@ DGI% %@PB&P@%H@ I%L &%HINIH&DJ A% DG@ NI-D A. DG@
PC&@-IB I%L G&M A..&H@-M *%L@@L F@ .&%L DGID A% DG@
.&-MD &%D@BB&P@%H@ A. DG@ L&MIMD@- I MN@H&IB HA33&MM&A%
HA%M&MD&%P A. M@'@-IB 3@3K@-M FIM HGI-P@L KJ DG@ LAP@
DA N-AH@@L DA G@IL SCI-D@-M DA &%MD&DCD@ DG@ MD-&HD@MD I%L
3AMD M@I-HG&%P &%SC&-J &%DA DG@ .IHDM A. DG@ HIM@ I%L
DA ILAND MCHG 3@IMC-@M IM 3&PGD INN@I- %@H@MMI&J .A-
-@MDA-&%P HA%.&L@%H@ I%L L&MH&NB&%@ DA DG@ I-3J

G@ -@NA-D A. DG@ #A33&MM&A%@-M A. *%SCG J L&L B&DDB@
3A-@ DGI% HA%.&-3 DG@&3N-@MM&A% IB-@ILJ .A-3@L -@PI-L?
&%P DG@ A-&P&% I%L HICM@ A. DG@ HIBI3&DJR FG&HG FIM

' /E 0"2 A1V ' B"$ E /

M&3NBJ DGID &. I B&DDB@ 3A-@ H&-HC3MN@HD&A% GIL K@@% @T?
@-H&M@L K@.A-@ DG@ LI%P@- HI3@ I%L I B&DDB@ 3A-@ HAC-IP@
GIL K@@% L&MNBIJ@L &% 3@@D&%P &D DG@ @'&B %AF L@NBA-@L
FACBL %AD GI'@ I-&M@% I%L F@ I-@ &%.A-3@L KJ I HA%?
D@3NA-I-J DGID DG@ #A33&MM&A%@-M F@%D MA .I- IM DA
-@N-AIHG DG@ D-D&ANM I%L DG@&- HA33I%L@- &% I NCKB&H
3I%%@- F&DG DG@&- HAFI-L&H@ I%L .I&%DG@I-D@L%@MM A% DG@
-@H@%D AHHIM&A% KJ FG&HG MA 3CHG L&MGA%AC- GIL K@@%
K-ACPGD A% DG@ $@%@D&I% %I3@ GID DG&M @TD-@3@ HAC-M@
FACBL GI'@ K@@% DIO@% F&DGACD @TD-IA-L&%I-J N-A'AHI?
D&A% I%L &% DG@ IKM@%H@ A. DG@ MD-A%P@MD P-AC%LM &M &3?
N-AKIKB@R DG@ .IHD &DM@B. MCNNA-D@L KJ MCHG ICDGA-&DJ
I%L HA3&%P .-A3 MCHG I MAC-H@ &M K@JA%L L&MNCD@R I%L
&D I..A-LM IM F@ HA%H@&'@ HA%'&%H&%P N-AA. DGID DG@
3@3K@-M A. DG@ #A33&MM&A% .AC%L @'@-J -@IMA% DA K@
L&MMID&M.&@L F&DG DG@ HA%LCHD A. A%PA G&M A..&H@-M I%L
DG@ I-3J P@%@-IBBJ DGCM @TA%@-ID&%P DG@ PA'@-%3@%D
.-A3 DG@ MCMN&H&A% A. GI'&%P IHD@L I-K&D-I-&BJ A- F&DG
C%LC@ GI-MG%@MM CD FG@DG@- DG@ LAP@ I%L G&M 3&%&M?
D@-M GI'&%P IBB DG@ .IHDM K@.A-@ DG@3 DGACPGD N-AN@- DA
N-AH@@L DA 3@IMC-@M A. P-@ID@- M@'@-&DJ IPI&%MD DG@ P@?
%@-IB I%L DGAM@ M@-'&%P C%L@- G&3U ID DG@ D&3@ A. DG@
AHHC--@%H@ F@ I-@ B@.D C%&%.A-3@L R A. A%PA G&3M@B.
DG@ BID@MD %AD&H@ FG&HG F@ HI% L&MHA'@- &M DG@ 3@%D&A% A.
G&M -@HIB FG&HG 3IJ A- 3IJ %AD GI'@ K@@% &33@L&ID@BJ
AF&%P DA I M@%M@ A. DGID A..&H@-UM 3&MHA%LCHD I%L &%HA3
N@D@%HJ O@-GINM &D M&3NBJ N-AH@@L@L .-A3 DG@ @TN&-I?
D&A% A. G&M HA33&MM&A%

CD DG@ '&PAC- I%L @%@-PJ FG&HG F@-@ HGI-IHD@-&MD&H
A. DG@ $@%@D&I% PA'@-%3@%D L&L %AD L@M@-D &D ID I 3A

E 8 ' # ! ' ' / E

3@%D ' FG@%' DG@' NAM&D&A%' A.' I..I&-M' GIL' K@HA3@' MA' N@-&BACM '
0-@NI-ID&A%M' F@-@' ID' A%H@' M@D' A%' .AAD' .A-' DG@' %@F' HI3?
NI&P%' A.' /ER' .-@MG' B@'&@M' F@-@' 3IL@' &%' DG@' L&..@-@%D'
FI-LMR I%L ' &%' NBIH@' A.' A%PA ' DG@' LAP@' M@%D ' DA' DIO@'
HA33I%L' A.' DG@' I-3J' A%' DG@' OA ' 5IHANA' <I%LABA' I%L'
I-HA' 1-IL@%&PA ' KADG' A.' FGA3' F@-@' K&.&H@-M' A.' D-&@L'
IK&B&D&@M' I%L' @MDIKB&MG@L' -@NCDID&A%

%' DG@' NI-D' A.' DG@' $@%@D&I%M' ID' B@IMD ' I' -@MABCD&A%' FIM'
INNI-@%D' DA' CM@' @'@-J' I'I&BIKB@' 3@I%M' A.' K-&%P&%P' DG@'
HA%D@MD ' FG&HG' GIL' %AF' GIL' I' LC-ID&A%' A.' DFA' J@I-M ' DA'
I' MN@@LJ' I%L' MID&M.IHDA-J' HA%HBCM&A% ' GAM@' 3@I%M ' &D'
FIM' D-C@ ' F@-@' %AD' '@-J' I3NB@ ' "A-' DG@' A%BJ' B@'&@M ' A%'
FG&HG' DG@' -@NCKB&H' HACBL' NBIH@' -@B&I%H@ ' F@-@' DG@' 3&B&D&I'
A.' DG@' M&T' I-LM ' I%L' A.' DG@' .-@@' KA-ACPG' A.' G&AVVIR' I%L'
DG@M@' D-AANM' F@-@' %@H@MMI-&BJ' B&3&D@L' &%' NA&%D' A.' %C3K@-M '
@D' MD-A%P' I%L' @'@%' MI%PC&%@' GAN@M' F@-@' @%D@-DI&%@L' A.'
I' MCHH@MM.CB' &MMC@R &%' DG@' %ID&A%IB' MN&-&D' A.' DG@' MABL&@-M'
DG@3M@B'@M' C%L@-' K@DD@-' B@IL@-M' &D' M@@3M' DA' GI &@' K@@%'
DGACPGD ' DG ID' HA%.&L@%H@' 3&PGD' MI.@BJ' K@' -@NAM@L ' A-'
F@-@' DG@M@' GAN@M' C%.AC%L@L

+ G@' -@MCBDM' A.' DG@' %@F' HI3NI&P%' F@-@ ' &%L@@L ' K-&BB&I%D'
@'@%' K@JA%L' I%D&H&NID&A%' R DG@' I-3M' A.' DG@' -@NCKB&H' F@-@'
D-&C3NGI%D' ID' @'@-J' NA&%DR I%L ' IM' &.' I%T&ACM' DA' @..IH@'
DG@' -@HABB@HD&A%' A.' DG@' -@H@%D' L&MP-IH@ ' DG@' $@%@D&I%' 3&B&D&I'
'&@L' F&DG' @IHG' ADG@-' &%' PIBBI%D-J' I%L' NID-&AD&H' L@'AD&A%'
5IHANA' <I%LABA' G&3M@B. ' FGA ' &.' DG@' IHHAC%DM ' FG&HG' GI '@'
-@IHG@L' CM ' I-@' DA' K@' H-@L&D@L ' FIM' 3A-@' B&O@' I' G@-A' A.'
HG&'IB-J' DGI%' DG@' -@MNA%M&KB@' B@IL@-' A.' -@PCBI-' D-AANM ' I.?
.A-L@L' DG@' 3AMD' N-I&M@FA-DGJ' @TI3NB@' DA' G&M' .ABBAF@-MR G&M'
L@MN@-ID@' &3N@DCAM&DJ' HI--&@L' IBB' K@.A-@' &D ' LI%P@-' I%L

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-&MO‘ F@-@‘ IB&O@‘ L&M-@PI-L@L‘ KJ‘ G&3R‘ I%L‘ &%‘ HA%QC%HD&A%‘ F&DG‘ G&M‘ HABB@IPC@‘ 1-IL@%&PA‘ FGA‘ M@@3M‘ DA‘ GI'@‘ DIH&DBJ‘ J&@BL@L‘ G&3‘ DG@‘ HG&@.‘ HA33I%L‘ DG&M‘ @3&%@%D‘ 3I%‘ MN@@L&BJ‘ FA%‘ .A-‘ G&M‘ HAC%D-J‘ I%L‘ .A-‘ *DIBJ‘ I‘ LC-IKB@‘ I%L‘ GA%AC-IKB@‘ N@IH@‘ %L@-‘ DG@&-‘ %@F‘ P@%@-IB‘ DG@‘ 3&B&D&I‘ A.‘ J@%&H@‘ ICL1G&AVVI‘ -@HA'@-@L‘ DG@&-‘ HA%.&L@%H@‘ I%L‘ @%@-PJR‘ I%L‘ IBDGACPG‘ P-@IDBJ‘ ACD%C3K@-@L‘ KJ‘ DG@&-‘ .A@M‘ DG@J‘ 3I&%DI&%@L‘ DG@&-‘ P-AC%L‘ F&DG‘ .&-3%@MM‘ I%L‘ N@-? .A-3@L‘ N-AL&P&@M‘ A.‘ 'IBAC-‘ *D‘ MAC%LM‘ -IDG@-‘ B&O@‘ I%‘ @N&MAL@‘ &%‘ I‘ DIB@‘ A.‘ .&HD&A%‘ DGI%‘ I%‘ &%H&L@%D‘ .AC%L@L‘ A%‘ G&MDA-&HIB‘ D-CDG‘ FG@%‘ F@‘ -@BID@‘ DGID‘ DG@‘ $@%@D&I%‘ HA3? 3I%L@-‘ ID‘ DG@‘ G@IL‘ A.‘ I‘ GC%L-@L‘ A.‘ G&M‘ .ABBAF@-M‘ I‘ HGAM@%‘ KI%L‘ -@MABCD@‘ I%L‘ C%LIC%D@L‘ B&O@‘ G&3M@B.‘ KABLBJ‘ IDDIHO@L‘ DG@‘ @%@3J‘ &%‘ .-A%D‘ I%L‘ I.D@-‘ I‘ MGI-N‘ I%L‘ MA3@? FGID‘ N-AD-IHD@L‘ MD-CPPB@+‘ L-&'&%P‘ DG@3‘ .-A3‘ DG@‘ NAM&D&A%‘ DG@J‘ GIL‘ DIO@%‘ CN‘ ID‘ I%‘ BK@-DA‘ .A-H@L‘ DG@3‘ DA‘ -@D-@ID‘ &%‘ HA%.CM&A%‘ DA‘ DG@&-‘ MB&&NM

G@‘ HG@HO‘ P&'@%‘ DA‘ DG@‘ ABAP%@M@‘ KJ‘ DG@‘ $@%@D&I%‘ D-AANM‘ FIM‘ GAF@'@-‘ -IDG@-‘ I‘ MNB@%L&L‘ DGI%‘ I‘ Q&M@.CB‘ IL'I%DIP@R I%L‘ DG@‘ '&HDA-M‘ F@-@‘ KJ‘ DG&M‘ D&3@‘ MHI&H@BJ‘ B@MM‘ D&-@L‘ DGI%‘ DG@‘ 'I%SC&MG@L‘ A.‘ I‘ HA%D@MD‘ FG&HG‘ GIL‘ BIMD@L‘ LC-&%P‘ DG@‘ P-@ID@-‘ NI-D‘ A.‘ DG-@@‘ J@I-M‘ F&DGACD‘ K-&%P&%P‘ I%J‘ IL@SCID@‘ -@MCBDM‘ I%L‘ FG&HG‘ MD&BB‘ KA-@‘ B&DDB@‘ N-AMN@HD‘ A.‘ D@-3&%ID&A%‘ @D‘ IM‘ &D‘ %AD‘ C%CMCIBBJ‘ GINN@%M‘ &%‘ MCHG‘ HIM@M‘ KADG‘ DG@‘ K@BB&P@-@%DM‘ G@M&DID@L‘ DA‘ 3IO@‘ DG@‘ .&-MD‘ 3A'@3@%D‘ DAFI&L‘ I‘ -@HA%H&B&ID&A%R‘ KADG‘ F@-@‘ MGJ‘ &D‘ FACBL‘ M@@3‘ A.‘ DIO&%P‘ DG@‘ &%&D&ID&'@R‘ I%L‘ GIL‘ %AD‘ DG@‘ :ABJ‘ @@‘ DG@‘ P@%@-IB‘ NIH&.&HIDA-‘ &%‘ DGAM@‘ C%M@DDB@L‘ D&3@M‘ M@&V@L‘ DG@‘ ICMN&H&ACM‘ 3A3@%D‘ I%L‘ N-A..@-@L‘ G@-‘ 3@L&ID&A%‘ DG@‘ N-AKIK&B&DJ‘ &M‘ DGID‘ DG@‘ FI-‘ FACBL‘ GI'@‘ HA%D&%C@L‘ D&BB‘ A%@‘ A.‘ DG@‘ OAF@-M

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@%PIP@L‘ GIL‘ K@@%‘ -@LCH@L‘ DA‘ MCK3&MM&A%‘ KJ‘ DG@‘ @T?
GICMD&A%‘ A.‘ &DM‘ MD-@%PDG‘ I%L‘ -@MAC-H@M‘ .D@-‘ MA3@‘ L&.?
.&HCBDJ‘ GAF@'@-‘ 1-@PA-J‘ + ‘ FGA‘ DG@%‘ AHHCN&@L‘ DG@‘
NA%D&.&HIB‘ HGI&-‘ MCHH@@L@L‘ &%‘ AKDI&%&%P‘ DG@‘ ILG@M&A%‘ A.‘
KADG‘ NI-D&@M‘ DA‘ I‘ L@.&%&D&'@‘ D-@IDJ‘ A.‘ N@IH@‘ FG&HG‘ FIM‘
M&P%@L‘ ID‘ $@%&H@‘ A%‘ DG@‘ EDG‘ CPCMD‘ /E‘ &%‘ DG@‘ N-@?
M@%H@‘ A.‘ DG@‘ LAP@‘ I%L‘ G&M‘ 3&%&MD@-M‘ KJ‘ DG@‘ MJ%L&HM‘ A.‘
ABAP%I‘ A%‘ DG@‘ A%@‘ M&L@‘ I%L‘ I-HA‘ #A%DI-&%&‘ PA'@-%A-‘
A.‘ I%‘ BK@-DA‘ A%‘ DG@‘ ADG@-‘ J‘ DG&M‘ D-@IDJ‘ &D‘ FIM‘ N-A?
'&L@L‘ DGID‘ 3IDD@-M‘ MGACBL‘ -@DC-%‘ DA‘ DG@‘ ‘K ‘ ‘
‘ I%L‘ &%‘ I‘ M@-&@M‘ A.‘ I-D&HB@M‘ FG&HG‘ F@-@‘ L-IF%‘ ACD‘
I‘ L@DI&B@L‘ &%D@-N-@DID&A%‘ FIM‘ P&'@%‘ DA‘ DGID‘ P@%@-IB‘ I%L‘
'IPC@‘ MD&NCBID&A%‘ %‘ DG@‘ A%@‘ GI%L‘ &D‘ FIM‘ IP-@@L‘ DGID‘
DG@‘ ABAP%@M@‘ MGACBL‘ ID‘ A%H@‘ L@3AB&MG‘ DG@‘ .A-D-@MM‘ FG&HG‘
DG@J‘ GIL‘ @-@HD@L‘ ID‘ O-&3I-A‘ FG&B@‘ DG@‘ $@%@D&I%‘ .A-D-@MM‘
A%‘ DG@ NNAM&D@‘ KI%O‘ A.‘ DG@‘ -&'@-‘ -@3I&%@L‘ IM‘ K@.A-@R‘
DGID‘ DG@J‘ MGADLL‘ I..A-L‘ N-AD@HD&A%‘ I%L‘ M@HC-&DJ‘ DA‘ IBB‘
MCKQ@HDM‘ A.‘ DG@‘ -@NCKB&H‘ D-I'@BB&%P‘ DG-ACPG‘ A-‘ -@M&L&%P‘ &%‘
DG@&-‘ D@--&DA-JR‘ I%L‘ DGID‘ DG@‘ $@%@D&I%M‘ MGACBL‘ HA%D&%C@‘
DA‘ @%QAJ‘ F&DGACD‘ &%D@--CND&A%‘ A-‘ IKID@3@%D‘ DG@‘ HA3‘
%-C-H&IB‘ N-&'&B@P@M‘ FG&HG‘ DG@J‘ GIL‘ IHSC&-@L‘ &%‘ DG@‘ ;I'@%‘
%ID@‘ &%‘ DG@‘ LIJM‘ A.‘ DG@‘ #AC%D@MM‘ ID&BLI‘ I%L‘ MGACBL‘
K@‘ ID‘ B&K@-DJ‘ DA‘ NIMM‘ FG@-@'@-‘ DG@‘ ABAP%@M@‘ QC-&ML&HD&A%‘
3&PGD‘ @TD@%L‘ F&DGACD‘ .@I-‘ A.‘ 3AB@MDID&A%‘ A-‘ &%MCBD

%‘ DG@‘ ADG@-‘ GI%L‘ &D‘ FIM‘ C%L@-MDAAL‘ DGID‘ DG@‘ -@NCK?
B&H‘ @%PIP@L‘ DA‘ I..A-L‘ G@-‘ BID@‘ @%@3J‘ IL'I%DIP@M‘ A.‘ MI.@DJ‘
I%L‘ N-AD@HD&A%‘ DG-ACPGACD‘ DG@‘ <APILA‘ I%L‘ &DM‘ 'I-&ACM‘
L@N@%L@%H&@M‘ M&3&BI-‘ DA‘ DGAM@‘ FG&HG‘ MG@‘ HBI&3@L‘ .A-‘
G@-M@B.‘ &%‘ DG@‘ ABAP%@M@R‘ I%L‘ .C-DG@-3A-@‘ &.‘ &D‘ FIM‘
'&@F@L‘ &%‘ DG@‘ B&PGD‘ A.‘ I‘ HA%H@MM&A%‘ G@-‘ PA'@-%3@%D‘ L&L

‘ /E (‘ 0"2 A1V‘ A3‘ B"$ ‘

%AD‘ AKQ@HD ‘&%‘ DK@‘ HIM@‘ A.‘ ABAP%I‘ DA‘ -@BIT‘ DG@‘ BID@‘ L@H-@@M‘ MA‘ .I-‘ IM‘ DA‘ MI%HD&A%‘ DG@‘ &3NA-DID&A%‘ I%%CIBBJ‘ .-A3‘ #@-'&I‘ I%L‘ ;A3I%&I‘ F&DGACD‘ NIJ3@%D‘ A.‘ LCDJ‘ A.‘ I‘ H@-DI&%‘ I%L‘ MN@H&.&@L‘ SCI%D&DJ‘ A.‘ MIBD‘ I%L‘ P-I&%‘ G&M‘ @T@3ND&A%‘ FIM‘ P-I%D@L‘ GAF@'@-‘ A%BJ‘ A%‘ DG@‘ HA%L&D&A%‘ I%L‘ C%L@-MDI%L&%P‘ DGID‘ DG@‘ MIBD‘ I%L‘ P-I&%‘ MA‘ &3NA-D@L‘ F@-@‘ .A-‘ GA3@‘ HA%MC3ND&A%‘ I%L‘ %AD‘ DA‘ K@‘ INNB&@L‘ DA‘ I%J‘ ADG@-‘ NC-NAM@‘R I%L‘ &%‘ A-L@-‘ DA‘ P&'@‘ .CBB‘ @..@HD‘ DA‘ DG&M‘ HA%L&D&A%‘ I%L‘ DA‘ N-@'@%D‘ M3CPPB&%P‘ I%L‘ HA%D-IKI%L‘ &D‘ FIM‘ @TN-@MMBJ‘ MD&NCBID@L‘ DGID‘ IBB‘ ABAP%@M@‘ '@MM@BM‘ K@.A-@‘ DG@J‘ IMH@%L@L‘ DG@‘ OA‘ F&DG‘ DG@&-‘ .-@&PGDM‘ MGACBL‘ C%L@-PA‘ I%‘ @TI3&%ID&A%‘ ID‘ DG@‘ $@%@D&I%‘ HCMDA3 GACM@‘ @MDIKB&MG@L‘ ID‘ O-&3I-A

G@M@‘ D@-3M‘ DG@%‘ F@-@‘ IP-@@L‘ DA‘ KJ‘ DG@‘ HA%D-IHD&%P‘ NI-D&@M‘R I%L‘ IM‘ F@‘ GI'@‘ IB-@ILJ‘ 3@%D&A%@L‘ DG@‘ D-@IDJ‘ A.‘ N@IH@‘ FIM‘ M&P%@L‘ A%‘ DG@‘ EDG‘ A.‘ CPCMD‘ /E‘ #@-DI&%‘ &D‘ &M‘ DGID‘ FGID@'@-‘ 3&PGD‘ GI'@‘ K@@%‘ DG@‘ M@%D&3@%DM‘ A.‘ ABAP%& ACHG&%P‘ DG@‘ D@-3&%ID&A%‘ A.‘ GAMD&B&D&@M‘ G@-‘ I%DI? PA%&MD‘ .A-‘ FGA3‘ DG@‘ &MMC@‘ HACBL‘ GI-LBJ‘ K@‘ MI&L‘ DA‘ GI'@‘ K@@%‘ ADG@-F&M@‘ DGI%‘ .I'AC-IKB@‘ -@PI-L@L‘ F&DG‘ %A‘ MB&PGD‘ MID&M.IHD&A%‘ DG@‘ -@DC-%‘ A.‘ N@IH@‘ FG&HG‘ @%IKB@L‘ G@-‘ PA HA%H@%D-ID@‘ G@-‘ IDD@%D&A%‘ A%‘ I%ADG@-‘ NA&%D‘ FG@-@‘ DG@‘ NAB&D&HIB‘ GA-&VA%‘ FIM‘ K@P&%%&%P‘ DA‘ K@‘ LI-O‘ I%L‘ BAF@-&%P

G@‘ SCI-D@-‘ .-A3‘ FG&HG‘ LI%P@-‘ GIL‘ K@@%‘ INN-@G@%L@L‘ FIM‘ %HA%I

G@‘ %HA%@M@‘ GAF@'@-‘ AKM@-'&%P‘ DG@‘ '@-J‘ &%L&..@-@%D‘ MCHH@MM‘ FG&HG‘ GIL‘ IDD@%L@L‘ DG@‘ -@H@%D‘ @..A-DM‘ A.‘ ABAP%I‘ DA‘ -@M&MD‘ DG@‘ $@%@D&I%‘ MCN-@3IHJ‘ &%‘ DG@‘ L-&ID&H‘ N-C? L@%DBJ‘ IKI%LA%@L‘ I‘ L@M&P%‘ FG&HG‘ DG@J‘ GIL‘ NI-DBJ‘ .A-3@L‘ A.‘ &3&DID&%P‘ G@-‘ @TI3NB@‘ I%L‘ GIL‘ -@HAC-M@‘ DA‘ DG@‘ 3&BL@-

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I%L’ B@MM’ GIVI-LACM @TN@L&@%D’ A.’ INN@IB&%P’ DA’ DG@’ HAC-D’
A.’ ; A3@’ IPI&%MD’ DG@’ @TD-I ' IPI%D’ I%L’ C%.AC%L@L’ N-@?
D@%M&A%M’ A.’ DG@’ -@NCKB&H’ : &M’ : AB&%@MM’ FGA’ 3&PGD’ '@-J’
N-AKIKBJ’ M@@’ HICM@’ DA’ L-@IL’ I’ -@'&' IB’ A.’ DG@’ HA%D@MD’
FG&HG’ G@’ GIL’ QCMD’ K@@%’ &%MD-C3@%DIB’ &%’ K-&%P&%P’ DA’ I’
HA%HBCM&A%’ -@MNA%L@L’ F&DG’ %A’ A-L&%I-J+’ IBIH-&DJ’ DA’ DG&M’
HIBB’ .A-Ú &%’ DGAM@’ FI-B&O@’ I%L’ C%SC&@D’ D&3@M’ DG@’ @H’
A.’ F+G&HG’ G@’ FIM’ DG@’ -@N-@M@%DID&'@’ HA%M&L@-@L’ &D’ I%L’
N@-GINM’ %AD’ &3N-AN@-BJ’ IM’ KJ’ %A’ 3@I%M’ DG@’ B@IMD’ &3?
NA-DI%D’A.’ G@-’ LCD&@M’ DA’ &%D@-NAM@’ G@-’ ICDGA-&DJ’&%’ DG@’
SCI--@BM’ A.’ N-&%H@M’ I%L’ DA’ 3IO@’ N@IH@’ K@DF@@%’ DG@’
%ID&A%M’ *%’ DG@’ @N&MDB@’ FG&HG’ FIM’ ILL-@MM@L’ KJ’ OAN@’
1-@PA-J’A%’ DG&M’ AHHIM&A%’ DA’ DG@’ <AP@’ &@NABA’ DG@’
.A%%@-’ MD-A%PBJ’ L@N-@HID@L’ DG@’ AK%AT&ACM’ I%L’ C%QCMD’
3@IMC-@M’ FG&HG’ DG@’ -@NCKB&H’ GIL’ DGACPGD’ .&D’ DA’ @%IHD’
F&DG’ -@PI-L’ DA’ DG@’ %I'&PID&A%’ A.’ DG@’ L-&ID&H’ 1CB.R’ DG@’
NA%D&..’ LF@BD’ A%’ DG@’ &%QC-&ACM’ AN@-ID&A%’ A.’ MCHG’ 3@IMC-@M’
IM’ @T@3NB&.&@L’ &%’ DG@’ DG-@@’ J@I-MÚ FI-’ F&DG’ ABAP%I’ I%L’
DG@’ N-@M@%D’ L&..@-@%H@’ F&DG’ DG@’ %HA%@M@’ FG&HG’ C%B@MM’
MN@@L&BJ’ I%L’ MID&M.IHDA-&BJ’ ILQCMD@L’ DG-@ID@%@L’ DA’ L@?
'@BAN’ @SCIBBJ’ L@NBA-IKB@’ -@MCBDMR’ I%L’ G@’ HA%HBCL@L’ KJ’
C-P&%P’ A%’ G&M’ @-@%&DJ’ DG@’ N-AN-&@DJ’ A.’ MCK3&DD&%P’ DA’ DG@’
3AL&.&HID&A%’&.’%AD’ DA’ DG@’ -@3A'IB’A.’ DG@’ GI3N@-&%P’ I%L’
'@TID&ACM’ -@MD-&HD&A%M’ FG&HG’ G&M’ HAC%D-J’ GIL’ NBIH@L’ A%’
DG@’ HA33@-H@’ K@DF@@%’ A3KI-LJ’ I%L’ DG@’ @'I%D

CD’ DG@’ $@%@D&I%’ PA'@-%3@%D’ FG&B@’ &D’ L@NI-D@L’ %AD’
.-A3’ DG@’ DA%@’ A.’ HAC-D@MJ’ I%L’ -@MN@HD’ FG&HG’.-A3’ 3AD&'@M’
A.’ DG@’ MAC%L@MD’ NAB&HJ’ &D’ GIK&DCIBBJ’ @3NBAJ@L’ DAFI-L’
DG@’ HAC-D’ A.’ DG@’ $ID&HI%’ 3AMD’ NAM&D&'@BJ’ -@.CM@L’ DA’ IMM@%D’
I%J’ .C-DG@-’ HGI%P@’ A-’ -@'&M&A%’ A.’ DG@’ %I'&PID&A%’ BIFM

‘ /E (‘ 0"2 A1V‘ A3‘ B"$ ‘ E

I‘ N-@M@%‘ &%‘ .A-H@‘ A%‘ DG@‘ 1CB.‘ A-‘ DA‘ -@%AC%H@‘ &%‘ I%J‘ 3I%%@-‘ DG@‘ N-AD@HDA-ID@‘ FG&HG‘ &‘ GIL‘ NB@IM@L‘ DG@‘ -@? NCKB&H‘ DA‘ IMMC3@‘ A'@-‘ DG@‘ MI3@‘ %L‘ %Hp%I‘ GIL‘ DG@-@.A-@‘ %A‘ HAC-M@‘ B@.‘ KC‘ DA‘ DAB@-ID@‘ I%‘ IKCM@‘ A.‘ FG&HG‘ &‘ FIM‘ INNI-@%DBJ‘ .CD&B@‘ DA‘ HA3NBI&%‘ I%L‘ FG&HG‘ &‘ 3&PG‘ K@‘ 3A-@‘ DGI%‘ .FD&B@‘ DA‘ -@M&MD‘ "A&B@L‘ GAF@'@-‘ &%‘ DG@&-‘ IDD@3N‘ DA‘ MGIO@‘ A..‘ DG@‘ KC-L@%‘ A.‘ DG@‘ 7 ‘DG@‘ %‘ HA%@M@‘ D-IL@-M‘ HA%H@&'@L‘ DGI‘ &‘ FIM‘ MD& ‘AN@%‘ DA‘ DG@3‘ DA‘ @BCL@‘ DG@‘ '&P&BI%H@‘ A.‘ DG@‘ $@%@D&I%‘ HCMDA3M‘ I%L‘ DGCM‘ DA‘ I'A&L‘DG@‘ PCB.‘LC@M‘F&DGAC‘D AKDI&%&%P‘ DG@&-‘ -@N@IB‘ *%‘ DG&M‘ @TN@HDID&A%‘ DG@J‘ F@-@‘ H-C@BBJ‘ L&MINNA&%D@L‘ G@‘ PA'@-%3@%‘D‘ A.‘ DG@‘ -@NCKB&H‘ FIM‘ %A‘D‘ MBAF‘ DA‘ 3I-O‘ &DM‘ M@%M@‘ A.‘ DG@‘ %@F‘ N-IHD&H@‘ KJ‘ L@MNIDHG&%P‘ I‘ M3IBB‘ MSCIL-A%‘ DA‘ %HA%I‘ FG&HG‘ KBAHOIL@L‘ DG@‘ NA-D‘ I%L‘ KIDD@-@L‘ LAF%‘ I‘ NA-D&A%‘ A.‘ DG@‘ .A-D&.&HID&A%M‘R DG@‘ 3C%&? H&NIB‘ HAC%H&B‘ IBI-3@L‘ .A-‘ DG@‘ MI.@DJ‘ A.‘ DG@‘ H&DJ‘ PI'@ @'@-J‘ NB@LP@‘ I%L‘ IMMC-I%H@‘ FG&HG‘ FIM‘ -@SC&-@LR‘ I%L‘ DG@‘ %.HA%@M@‘ F@-@‘ HA3N@BB@L‘ DA‘ IHO%AFB@LP@‘ DGID‘ DA‘ DG@‘ $@%@D&I%M‘ IBA%@‘ K@BA%P@L‘ DG@‘ MA'@-@&P%DJ‘ A.‘ DG@‘ M@IM

*%‘DG@‘ 3@I%‘D&3@‘ &HGI@B‘OIBI@ABAPCM+‘ GIL‘%AD‘'&@F@L‘ F&DGAC‘D @TD-@3@‘ C%@IM&%@MM‘ DG@‘ -@H@%D‘W@MM&A%‘ 3IL@‘ KJ‘ IBLF&%‘** ‘A.‘ G&M‘ &3N@-&IB‘ -&PGDM‘ DA‘ #GI-B@M‘ LU %QAC‘ a&%P‘A.‘ &H&BJ‘ *D‘%IDC-IBBJ‘IFIO@%@L‘&%‘G&3‘INN-@G@%? M&A%M‘ .A-‘DG@‘MI.@DJ‘A.‘DG@‘H-AF%‘FG&HG‘G@‘GIL‘IHSC&-@L‘ KJ‘CMC-NID&A%‘I%L‘DA‘FG&HG‘&%‘DG@‘@J@M‘A.‘B@P&D&3IHJ‘ G@‘GIL‘B&DDB@‘HBI&3‘ GID‘I‘N-&%H@‘MA‘IHD&'@‘I%L‘@%D@-? N-&M&%P‘IM‘DG@‘ &H&B&I%‘ 3A%I-HG‘ FACBL‘ %@PB@HD‘ MCHG‘ I%‘ &3NA-DI%D‘ K@SC@MD‘ M@@3@L‘ DA‘ K@‘ GI-LBJ‘ N-AKIKB@R

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I%LʻOIB~ABAPCMʻ MIFʻ @'@-Jʻ -@IMA%ʻDAʻ .@I-ʻDGIDʻ#GI-B@Mʻ L-@MM&%Pʻ G&Mʻ I3K&D&A%ʻ&%ʻIʻ-@B&P&ACMʻPI-Kʻ FACBLʻA-PI%&V@ʻ &%ʻHA%H@-DʻF&DGʻG&Mʻ%@&PGKAC-Mʻ I%Lʻ IBB&@Mʻ Iʻ .-@MGʻH-CMIL@ʻ IPI&%MDʻDG@ʻMHG&M3ID&MDMʻA.ʻ#A%MDI%D&%ANB@ʻ *%ʻA-L@-ʻDAʻ AK'&ID@ʻDG&Mʻ LI%P@-ʻDG@ʻ1-@@Oʻ @3N@-A-ʻ .@BDʻDG@ʻ@TN@? L&@%HJʻA.ʻHA%H&B&ID&%Pʻ DG@ʻ :ABJʻ @@ʻI%Lʻ@%B&MD&%Pʻ G@-ʻ F&DGACDʻ.I-DG@-ʻL@BIJʻ&%ʻG&MʻHICM@ʻR I%Lʻ&%ʻDG@ʻHAC-M@ʻA.ʻ DG@ʻJ@I-ʻ / ʻG@ʻF-AD@ʻIHHA-L&%PBJʻDAʻDG@ʻOA%D&..ʻ1-@? PA-Jʻ L@N-@HID&%PʻBIBBʻ L&MM@%M&A%Mʻ I%Lʻ SCI--@BMʻ K@DF@@%ʻ #G-&MD&I%ʻ N-&%H@Mʻ FG&HGʻG&%L@-@Lʻ MAʻ3CHGʻDG@ʻN-ANI? PID&A%ʻ I%Lʻ N-AP-@MMʻA.ʻDG@ʻ.I&DGʻMG@F&%Pʻ GAFʻDG@Jʻ-@? .B@HD@Lʻ L&MP-IH@ʻA%ʻDG@ʻ#G-&MD&I%ʻ%I3@ʻI%Lʻ N-A3AD@Lʻ DG@ʻMCHH@MMʻA.ʻDG@ʻ3&MK@B&@'@-Mʻ I%Lʻ BIMDBJʻP&'&%Pʻ I%ʻIM? MC-I%H@ʻDGIDʻMAʻ.I-ʻIMʻ ʻFIMʻHA%H@-%@Lʻ B&@ʻFIMʻ3@-@BJʻ FI&D&%Pʻ D&BBʻG&MʻNAF@-ʻFIMʻ3A-@ʻDGA-ACPGBJʻHA%MAB&LID@Lʻ DGIDʻG@ʻ3&PGDʻDC-%ʻG&MʻI-3Mʻ IPI&%MDʻDG@ʻ@%@3&@Mʻ A.ʻDG@ʻ D-C@ʻ-@B&P&A%ʻI%Lʻ-@ @MDIKB&MGʻ&%ʻ*LMʻAF%ʻLA3&%&A%Mʻ DG@ʻ MCN-@3IHJʻ+.ʻDG@ʻ;A3I%ʻ#GC-HG

ʻ *Dʻ-@SC&-@Lʻ Iʻ'@-Jʻ MB&PGDʻ I3AC%Dʻ A.ʻN@%@D-ID&A%ʻDAʻM@@ʻ DGIDʻDG@ʻ JVI%D&%@ʻHAC-Dʻ GILʻMA3@ʻG&PGʻAKQ@HDʻDAʻIDDI&%ʻ &%ʻ3IO&%Pʻ DG@M@ʻN-AN&D&IDA-Jʻ A'@-DC-@Mʻ DAʻDG@ʻ :ABJʻ @@ʻ %A-ʻFIMʻ&Dʻ L&..&HCBDʻDAʻL&'&%@ʻDGIDʻDGIDʻAKQ@HDʻFIMʻDAʻ -@%L@-ʻDG@ʻNINIBʻ&%.BC@%H@ʻIDʻDG@ʻHAC-Dʻ A.ʻ &H&BJʻMCKM@-? '&@%DʻDAʻG&MʻAF%ʻ&33@L&ID@ʻ&%D@-@MDMʻKJʻ.@&P%&%Pʻ Iʻ L@M&-@ʻ A.ʻ-@HA%H&B&ID&A%ʻF&DGʻDG@ʻHAC-Dʻ A.ʻ;A3@ʻ *Dʻ FACBLʻ M@@3ʻDGIDʻ1-@PS-Jʻ FIMʻ%NDʻN-AA.ʻIPI&%MDʻDG@ʻH-I.DJʻI%Lʻ C%HDCACMʻGJNAH-&MJʻA.ʻOIB~ABAPCMʻI%Lʻ DG@ʻ&%M&%CID&%Pʻ ILL-@MMʻA.ʻG&Mʻ IP@%DMʻR DG@ʻGAN@ʻIBFIJMʻMAʻ.A%LBJʻ@3? K-IH@Lʻ I%Lʻ IBFIJMʻMAʻ-@BCHDI%DBJʻIKI%LA%@Lʻ A.ʻDG@ʻ @TD&%HD&A%ʻA.ʻDG@ʻ1-@@Oʻ G@-@MJʻI%Lʻ-@C%&A%ʻA.ʻDG@ʻDFA

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HB&C-HG@M K@PI% N@-GINM DA -@'&'@&% DG@ I@-@L #ABB@P@R I%L DG@ @3N@-A- .AC%L G&3M@B. ID GK@-DJ DA &%LCBP@ &% DG@ @TN@HDID&A% DGID KJ FA-O&%P A% DG@ F@IO%@MM I%L H-@LCB&DJ A. DG@ NA%D&..I%L G&M IL'&M@-M G@ 3&PGD ANNAM@ I% &3NIMMIKB@ KI%&@- DA DG@ I3K&D&A% A. #GI-B@M A. %QAC I%L DG@ ADG@- @MD@-% OAF@-M GA-DBJ I.D@-? FI-LM OIB~ABAPCM F&DG DG@ L@M&P% A. &3N-A'&%P DG@ IL'I%DIP@ FG&HG G@ GIL PI&%@L M@%D -@N-@M@%DID&'@M DA DG@ 1@%@-IB #AC%H&B G@BL ID JA%M Z / [FGA &% G&M %I3@ I%L DG@ %I3@ A. DG@&- HAC%D-J M&P%@L I MAB@3% IHD A. IKQ&CUID&A% I%L DAAO I% AIDG A. AK@L&@%H@ DA ;A3@ *D 3IJ K@ SC@MD&A%@L GAF@'@- FG@DG@- DG&M MD@N FIM @'@% I QCL&H&ACM A%@ I%L FG@DG@- KJ &D DG@ @3N@-A- L&L %AD BAM@ P-AC%L % DG@ A%@ GI%L DG@ 1-@@OM F@-@ L&MPCMD@L I%L &%H@%M@L ID I N-AH@@L&%P A% FG&HG DG@J BAAO@L IM I% AL&ACM INAMDIMJ FG&B@ DA DGW ID&%M FGA &%D@-N-@D@L DG@U 3AD&'@M A. DG@ @3N@-A- 3A-@ QCMDBJ &D INN@I-@L &% DG@ B&PGD A. I D&3@ M@-'&%P 3@IMC-@ L&HDID@L KJ NAB&HJ I%L .@I- G@ &3N-@MM&A% N-ALCH@L FIM &% @&DG@- HIM@ C%.I'AC-IKB@ %L ID B@%PDG DG@ @@ &DM@B. IFIO@%@L DA M@%M@ A. DG@ GABBAF%@MM I%L MHI%LIBACM &%M&%H@-&DJ A. DG@ FGAB@ D-I%MIHD&A% .N- M@'@% J@I-M BID@- F@ .&%L I-D&% *$ I MCHH@@L&%P NA%D&.. I%%CBB&%P DG@ &%MD-C3@%D MCKMH-&K@L ID JA%M I%L ID DG@ MI3@ D&3@ @THA33C%&HID&%P OIB~ABAPCM IM I N-A&GAD@- A. MHG&M3 I%L G@-@MJ G@ DGC%L@-M A. DG@ $ID&HI% 3&PGD GI'@ MA3@ F@&PGD F&DG DG@ 1-@@O @3N@-A-R KCD G&M INN-@? G@%M&A%M -@PI-L&%P #GI-B@M A. %QAC N-A'@L DA GI'@ B&DDB@ .AC%LID&A% G@ BIDD@- &% .IHD FIM MC--AC%L@L KJ @%@3&@M FGA B@.D G&3 B&DDB@ D&3@ DA @%D@-DI&% NBI%M A.

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.A-@&P%' HA%SC@MD' A-' DA' MCNNA-D' KJ' I-3M' G&M' HBI&3' DA' DG@' H-AF%' A.' DG@' BIMD' A.' DG@' #AC-D@%IJM

G\' NCKB&H' HI-@@-' A.' DG@' <AP@' &@NABA' FIM' %AF' .IMD' L&UIF&%P' DA' I' HBAM@' .D@-' I' -@&P%' A.' M@'@%' J@I-M' I%L' I' .@F' LIJM' DGI.' N-&%H@' K-@IDG@L' G&M' BIMD' ID' I&%D' I& OUM' OIBIH@' A%' DG@' DG' A.' CPCMD' / ' G@' 3I%%@-' I%L' HICM@' A.' G&M' L@IDG' GI'@' %AD' K@@%' -@BID@L' @&DG@-' I%L&' %A-' I-&%' %A-' DG@' 3A-@' -@H@%D' G&MDA-&I%' A3I%&%' DG-AF I%J' B&PGD' A%' DG@' MCKQ@HD'R I%L' <I' #I%IB@' P@%@-IBBJ' 3A-@' @TNB&H&D' HA%D@%DM' G&3M@B.' &%' DG&M' &%MDI%H@' QDG' AKM@-'&%P' DGID' DG@' LAP@' @TN&-@L' A%' DG@' IKA'@ 3@%D&N%@L' LIJ' I%L' DGID' d'DG@-@' F@-@' %A%@' &%' IBB' DGID' %ID&A%' FGA' L&L' %AD' BI3@%D' F&DG'-@IMA%' DG@' BAMM' A.' MA' @TH@BB@%D' I' N-&%H@ k' G@' -@3I&%M' A.' &@NABA' F@-@' L@NAM&D@L' &'&DG' DG@' HCMDA3I-J' MAB@3%&D&@M' &%' DG@' MI3@' 'ICBD' ID' I&&&D' 5AG%' I%L' I&%D' OICBUM' &N' FG&HG' IB-@ILJ' -@NAM@L' DG@' IMG@M' A.' G&M' .IDG@-' DG@' <AP@' 5IHANA' I%L' A.' G&M' K-ADG@-' 1&\'I%%&' &@NABA' #AC%D' A.' #G@-MA' I%L' I%' @N&DING' FIM' NBIH@LR' A%' DG@' DA3K' HA33@3A-ID&'@' A.' DG@' GA%AC$IKB@' I%L' MID&M.IHDA-J' HA%HBCM&A%' DA' FG&HG' G@' GIL' K-ACPGD' DG@' BID@' FI-' F&DG' DGW' ABAP%@M@

G@' -@&P%' A.' DG@' M@HA%L' &@NABA' DGACPG' C%CMCIBBJ' K-&@.' &%' &DM' LC-ID&A%' GIL' K@@%' .I-' .-A3' C%@'@%D.CB' *%? L@N@%L@%DBJ' A.' DG@' FI-' F&DG' ABAP%I' FG&HG' @TD@%L@L' A'@-' I' D@-3' A.' DG-@@' J@I-M' DG@-@' F@-@' M@'@-IB' @'@%DM' A.' HA3NI-ID&'@BJ' 3&%A-' &%D@-@MD' I%L' &3NA-DI%H@' DA' FG&HG' FH' GI'@' %AD' IM' J@D' DGACPGD' &D' %@H@MMI-J' DA' -@.@-' I%L' FG&HG' HA%D-&KCD@L' DA' @%PIP@' DG@' IDD@%D&A%' A.' DG@' <CHIB' PA'@-%3@%D'*LC-&%P' DGID' N@-&AL' D' L&..@-@%D' &%D@-'IBM' K@DF@@%' DG@' J@I-M' , ' I%L' / ' DG@' LAP@' I%L' G&M

IDD&DCL@ʻDG@ʻP-@IDʻSC@MD&A%ʻA.ʻDG@ʻ1CB.ʻ<C@Mʻ3&PGDʻK@ʻ
HA%M&L@-@LʻIMʻD@-3&%ID@LʻMAʻ.I-ʻIMʻDG@ʻ%IDC-@ʻA.ʻDG@ʻH&-?
HC3MDI%H@MʻFACBLʻIL3&DʻʻʻDʻFIMʻD-C@ʻDGIDʻDG&MʻL@M&-IKB@ʻ
AKQ@HDʻGILʻGADʻK@@%ʻIDDI&%@LʻF&DGACDʻMA3@ʻ&3NA-DI%Dʻ
HA%H@MM&A%Mʻ A%ʻ DG@ʻ NI-Dʻ A.ʻ DGSʻ -@NCK Hʻ O@-GINMʻ &Dʻ
3&PGDʻK@ʻDGACPGDʻDGIDʻMG@ʻGILʻHA%H@L@LʻMA3@FGIDʻDAAʻ
3CHGʻ CDʻ&DʻFIMʻDAʻK@ʻ-@3@3K@-@LʻA%ʻDG@ʻADG@-ʻGI%Lʻ
DGIDʻDG@ʻ$@%@D&I%Mʻ KJʻDIO&%Pʻ CNʻ '@-Jʻ G&PGʻP-AC%Lʻ&%ʻ
DG@ʻ .&-MDʻ &%MDI%H@ʻGILʻNBIH@LʻDG@3M@B'@Mʻ&%ʻ Iʻ NAM&D&A%ʻ
DAʻL@MH@%Lʻ MB&PGDBJʻ.-A3ʻ DG@&-ʻ @B@'ID&A%ʻ F&DGACDʻHA3N-A?
3&M&%Pʻ DG@&-ʻL&P%&DJʻA-ʻ I..@HD&%Pʻ DG@&-ʻN-@MD&P@ +

*%ʻ DG@ʻ @I-BJʻ NI-Dʻ A.ʻ /ʻ DG@ʻ D-CH@ʻFG&HGʻGILʻ @T?
&MD@Lʻ.A-ʻMA3@ʻD&3@ʻK@DF@@%ʻO&MIʻI%Lʻ DG@ʻ -@NCKB&Hʻ I%Lʻ
FG&HGʻGILʻK@@%ʻ @TD@%L@Lʻ&%ʻ &DMʻAN@-ID&A%ʻ.-A3ʻD&3@ʻDAʻ
D& &@ʻFIMʻIPI&%ʻ -@%@F@Lʻ.A-ʻIʻD@-3ʻA.ʻ.&'@ʻ J@I-Mʻ KADGʻ
NI-D&@Mʻ INN@I-&%Pʻ C%F&BB&%Pʻ A%ʻ DG@ʻ A%@ʻ GI%Lʻ DAʻ-@'@-DʻDAʻ
IʻMDID@ʻA.ʻGAMD&B&DJʻA-ʻA%ʻDG@ʻADG@-ʻDAʻHA33&DʻDG@3M@B'@Mʻ
N@-3I%@%DBJʻDAʻIʻNIH&.&Hʻ NAB&HJʻR I%L U&%ʻDG@ʻMI3@ J@I-ʻ&Dʻ
FIMʻIP-@@Lʻ DGIDʻDG@ʻI-3&MD&H@ʻFG&HGʻIDʻDG@ʻ&%D@-H@MM&A%ʻ
A.ʻDG@ʻ :ABJʻ @@ʻGILʻK@@%ʻHA%HBCL@Lʻ K@DF@@%ʻDG@ʻ$@%@ʻ
D&I&&Mʻ I%Lʻ DG@ʻ1@%A@M@ʻ&%ʻ CPCMDʻ /ʻ.A-ʻIʻB&O@ʻD@-3ʻ
MGACBLʻ-@3I&%&%.A-H@ʻD&BBʻDG@ʻ3A%DGʻA.ʻ CPCMDʻ //=ʻ
MCKQ@HDʻA.ʻHAC-M@ʻDAʻ-@%@FIBʻIDʻDG@ʻ@TN&-ID&A%ʻA.ʻDG@ʻ
BIDD@-ʻN@-&AL

*DʻMʻDAʻDG@ʻBIDD@-ʻNI-Dʻ A.ʻDG@ʻMGA-Dʻ IL3&%&MD-ID&A%ʻA.ʻ
A-@%VAʻ &@NABAʻDGIDʻF@ʻ3CMDʻ -@.@-ʻDAAʻDG@ʻ.I3ACMʻ
-@'ABDʻA.ʻDG@ʻDFAʻ#A-DIVV&ʻ1@A-P@ʻI%Lʻ G&MʻK-ADG@-ʻ G@A

Ġ"ʻ ʻ ʻ 'ʻ ʻ! ʻ ʻ5 ʻ , ʻ ʻ
9 ʻ ʻ ! ʻ ' ʻaq r 6ʻ 2g ʻ ʻ* % N ʻ ʻC J ʻ
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HBA-@' &%' #I%L I ' I' -@ ' ABD ' FG&HG' HAMD' DG@' B&.@' A.' DG@' @%@ '
D&I%' PA ' @-%A-' A.' DG@' &MBI%L ' I-&&&A' >@%N ' G@' .-@SC@%HJ'
A.' DG@M@' -@ ' ABDM ' FG&B@' #I%L I' -@3I&%@L' C%L@-' DG@' LA3&%I '
D&A%' A.' DG@' -@NCKB&H ' GIM' K@@%' K-ACPGD' C%L@-' DG@' %AD&H@' A.'
DG@' -@IL@- &%' b' .A-3@-' HGIND@-R' DG@' N-@M@%D' FIM' N@-GINM'
DA' K@' -@PI-L@L' IM' DG@' 3AMD' .A-3&LIKB@' IDD@3ND ' FG&HG'
GIL' @ ' @-' K@@%' 3IL@' DA' MCK ' @-D' I%L' MGIO@' A..' DG@' ICDGA?
-&DJ' A.' DG@' 3ADG@- HAC%D-J ' %L' M@ ' @-IB' J@I-M' I-@' MDID@L'
DA' GI ' @' @BINM@L ' K@.A-@' DG@' &%MC--@HD&A%I-J' 3A ' @3@%D' FIM'
MCNN-@MM@L ' I%L' D-I%SC&BB&DJ' FIM' N@-.@HDBJ' -@MDA-@L

*D' -@3I&%M' DA' %AD&H@' I' .@F' D@--&DA-&IB' IHSC&M&D&A%M ' u ' B&&LB&'
F@-@' 3IL@' KJ' DG@ $@%@D&I%M' LC-&%P' DG@' N@-&AL ' DA' FG&HG'
F@' GI ' @' K@@%' -@.@-&L&%P ' *%' _ ' 3IPAR' A-' 3IPA'
ZDG@' %I3@' &M' ' I-&ACMBJ' MN@BD[' I' DAF%' &&.' < IB3ID&I ' C%IKB@'
DA' -@N-@MM' DG@' &%-AILM' A.' DG@' N&-ID@M ' FGA' &%.@MD@L' DGID'
BAHIB&DJ ' D@%L@-@L' &DM' MCK3&MM&A%' DA' DG@' -@NCKB&H ' A.' FG&HG'
&%L@@L' &D' GIL' K@@Q&' I' .&@.' M&%H@' DG@' D&3@' A.' -M@ABA' ** '
Z 8[' G@' &%GIK&DI%DM' A.' 3IPA' @%PIP@L' DA' DIO@'
DG@' AIDG' A.' IBB@P&I%H@ ' I%L' DA' IHH@ND' I' NAL@MDm A-' PA?
' @-%A-' INNA&%D@L' KJ' DG@' LAP@ ' DA' FGA3' DG@J' FACBL' IBBAF '
ACD' A.' DG@' NCKB&H' NC-M@ ' I%' I%%CIB' MD&N@%L' A.' $H#&%'
ILL&D&A%' DA' I' .-@@' -@M&L@%H@' I%L' IBB ' @TN@%M@M' &%H&L@%DIB'
DA' G&M' A..&H&IB' NAM&D&A%' G@' MIBCDI-J' @TI3NB@' .C-%&MG@L'
KJ' 3IPA' FIM' MGA-DBJ' .ABBAF@L' KJ' #&DDI' CA ' I ' A%DA%I '
I%' A-@%VA ' I%L' BIMDBJ' KJ' #@-' &I ' &%' DG@' A-@LI%' G@'
LID@' A.' DG@' &%HA-NA-ID&A%' A.' #@-' &I' F&DG' DG@' <APILA' FIM'
/ ' DG@' J@I-' K@.A-@' &@NABAUM' L@H@IM@R' I%L' &D' INN@I-M '
DGID' DG@' .&-MD' $@%@D&I%' PA ' @-%A-' A.' DGID' NBIH@' FIM' 1&A ' I%%&'
A-AM&%&

J' G&M' .&-MD' F&.@ ' P%@M@' 1G&M& ' DG@' BID@' LAP@' B@.D' DFA'
% '

MA%M KADG A. FGA3 GIL K@@%C%&D@L LC-&%P DG@ B&.@? D&3@ A. DG@&- .IDG@- DA N-&%H@MM@M A. HBI'A%&I%L@MH@%D G@-@ HI% K@ %A LACKD DGID DG@M@ 3I--&IP@M .A- FG&HG DG@ I%%IBM A. DG@ #A33A%F@IBDG I..A-L@L 3I%J N-@H@ L@%DM F@-@ HIBHCBID@L DA P-ID&.J DG@ N-&L@ A. DG@ N@ANB@ ID BI-P@ %A- HACBL DG@ 3CBD&DCL@ .I&BD K@ LIVVB@L KJ DG@ MNB@%LAC- A. MCHG IBB&I%H@M K@DF@@% DG@ 3@3K@-M A. DG@ $@%@D&I% %AK&B&DJ I%L &BBCMD-&ACM MD-I%P@-M CD DGID DG@J L&L %AD N-ALCH@ I% @SCIBBJ .I'A&CUIKB@&3N-@MM&A% &% G&PG@- I%L 3A-@ &%.BC@%D&IB SCI-D@-M F@ 3IJ .A-3 MA3@ QCLP3@%D .-A3 DG@ M&P%&.&HI%D .IHD DGID I.D@- DG@ L@H@IM@ A. A-@%VA I%L K@.A-@ DG@ 'IHI%HJ &BB DG@ #-AF% FIM MCNNB&@L HI-@ FIM DIO@% DG-ACPG DG@ 3@L&C3 A. DG@ AI-L A. #A--@HD&A% DA &%D-ALCH@ &%DA DG@ O-A-I&MM&A%@ ZA- #A-A%ID&A% IDG[I N-A'&M&A% KJ FG&HG DG@ .I3&BJ A. DG@ LAP@ FIM .A-K&LL@% .A- DG@ .CDC-@ DA &%D@-3I--J F&DG -AJIB I%L %AKB@ GACM@M IK-AIL F&DGACD DG@ .CBB I%L @T? N-@MM MI%HD&A% A. DG@ @P&MBID&'@ ALJ *% DG&M -@MD-&HD&'@ 3@IMC-@ FG&HG %@H@MMI-&BJ IHSC&-@L DG@ .A-H@ A. I BIF DG@-@ FIM I%ADG@- N-AA. &. I%J ADG@- F@-@ FI%D&%P A. DB& RL@M&P% I%L L@D@-3&%ID&A% A. DG@ I-&MDAH-IHJ DA HC-DI&B KJ L@P-@@M DG@ N-@-APID&'@ A. DG@ #-A&'% I%L IM ANNA-? DC%&DJ A..@-@L DA H&-HC3MH-&K@ DG@ LCHIB ICDGA-&DJ A- &%L@@L FIM DG@ 3I--&IP@ HBICM@ QCMD L@MH-&K@L DG@ A%BJ HGI%P@ @..@HD@L &% DG@ #A%MD&DCD&A% A. DG@ -@NCKB&H LC-&%P DG@ &%D@--HP%IB N@-&AL J I M@HA%L HBICM@ F@ .&%L DGID DG@ HG&BL-@% A. G&M @-@%&DJ F@-@ &%HINIH&ID@L G@%H@? .A-DG .-A3 GABL&%P I%J A..&H@ A- IQ&NA&%D3H%D C%L@- DG@ PA'@-%3@%D @TH@ND&%P .A-@&P% @3KIMM&@M I%L HA33I%LM &% DG@ %I'J DG&-L N-@MH-&K@L DGID DG@ LAP@ @B@HD

MGACBL &% %A HIM@ L@BIJ DG@ B&SC&LID&A% A. I%J L@KDM FG&HG G@ 3&PGD GI'@ &%HC--@L &% N-&'ID@ B&.@ K@JA%L DG@ @&PGDG LIJ I.D@- G&M IHH@MM&A% I%L DGID G@ MGACBL H@IM@ DG@%H@.A-FI-L DA @%PIP@ &% I%J N-&'ID@ D-I%MIHD&A%M A. I HN3&%@-H&ID A- 3A%@DI-J %IDC-@ G@ .AC-DG I%L 3AMD &3NA-DI%D HBIC .@ FG&HG FIM ILL@L DA DG@ 0-A3&MM&A%@ I.D@- DG@ L@3&M@ A. A-@%VA &@NABA &3NAM@L I% AKB&PI D&A% A% IBB DG@ MCHH@MMA-M A. DGID N-&%H@ DA O@@N DG@3? M@B'@M HA%MDI%DBJ &%.A-3@L DG-ACPG DG@&- N-&'ID@ %ADI-&@M A. DG@ %C3K@- A. N-&MA%@-M &% DG@ H@BBM A. DG@ LCHIB NIBIH@ I L S) I%L DA HICM@ 3@IMC-@M DA K@ DIO.@% .A- K-&%P&%P DA DG@&- D-&IB IBB N@-MA%M MA HA%.&%@L ID B@IMD K@.A-@ DG@ @TN&-ID&A% A. I 3A%DG .-A3 DG@ LIJ A%+FG&HG+ DG@J GIL K@@% HA33&DD@L DA N-&MA% *D HI%%AD K@ L@%&@L DGID DG&M GC3I%@ -@PCBID&A% @SC&'IB@%D IM &D FIM DA I MDIDCD@ FIM IL3&-IKBJ HIBHCBID@L DA HG@HO QCL&H&IB DJ-I%%J I%L B@PIB HA--CND&A%R &D FIM I .@IDC-@ &% DG@ $@%@D&I Q BIF+ A. H-&3&%IB N-AH@LC-@ FG&HG H@-DI&%BJ -@.B@HD@L DG@ G&PG@MD GA%AC- I%L H-@L&D A% DG@ -@NCKB&HR I%L F@ 3IJ QCMDBJ HGI-IHD@-&V@ DG&M %@F HBICM@ &% DG@ IDG IM I 3@IMC-@ K@DAO@%&%P I L@P-@@ A. L&'&B&VID&A&..I- K@JA%L DG@ HA.D&NI-ID&'@BJ -CL@ IP@ &% FG&HG &D FIM .&-MD ILAND@L

G@ MCHH@MMA- A. A-@%VA &@NABA FIM5IHANA #A%DI-&%& 0-AHC-IDA- A. I&%D I-O I '@D@-I% A% FGAM@ P-@J GI&-M GIL L@MH@%L@L DG@ M%AFM A. @&PGDJ F&%D@-M #A%DI-&%& HBI&3@L B&%@IB L@MH@%D .-A3 DG@ N-&%H@ A. DG@ MI3@ Q ! ' ' ' ' ' ' ' ! ' ' 0 $ * ! ' ! , ' &! ! ' ' ! ! ' ' % ! ! &! ! 'N % S ' * ' ' ' ! ' & S ' (! '

Q&I3@ I%L .I3&BJ FGA PA'@-%@L $@%&H@ &% DG@ @B@'@%DG H@%DC-J + G@ @B@HD&A%' A. I'%@F LAP@ FIM 3IL@ O%AF%' DA DG@ N@ANB@ A%' DG@ *#DG A. @ND@3K@- / IKACD I 3A%DG I.D@- DG@ AKM@SC&@M A. G&M BID@ @-@%&DJR DG@ HGA&H@ A. DG@ #ABB@P@ A. "A-DJ %@ LA@M %AD INN@I- DA GI'@ 3@D F&DG I%J FI-3 A- NAF@-.CB ANNAM&D&A%R I%L MA MAA% IM DG@ MI3@ -@H@&'@L DG@ %@H@MMI-J HA%.&-3ID&A% DG@ O-&'J #AC%H&B FG&HG GIL &% DG@ &%D@-&3 MID ID I&%D I-OUM I%L IL3&%&MD@-@L DG@ I..I&-M A. DG@ -@NCKB&H IP-@@IKBJ DA HA%MD&DCD&A%IB CMIP@ -@M&P%@L &DM .C%HD&A%M F&DG DG@ IHHCMDA3@L .A-3M &%DA DG@ GI%LM A. #A%DI-&%&

G@ MGA-D -@&P%' A. 5IHANA #A%DI-&%& Z / 8 [FIM IB3AMD FGABBJ AHHCN&@L KJ DG@ HA%D&%CID&A%' A. DG@ FI- K@DF@@%' $@%&H@ I%L %HA%I G@BIDD@- %ADF&DGMDI%L&%P DG@ FGAB@MA3@ @TI3NB@ M@D KJ ABAP%I "A-B& I%DCI I%L ADG@- NBIH@M -@3I&%@L .&-3&% G@- -@.CMIB DA HA%.A-3 DA I%J MJMD@3 A. LC@M A- I%J N-&%H&NB@ A. 3I-&D&3@ BIF I-K&D-I-&BJ @MDIKB&MG@L I%L BI&L LAF%' KJ DG@ -@NCKB&H GID@'@- DG@&- %@&PGKAC-M 3&PGD LA &D FIM %AD DG@ &%D@%D&A%' A. DG@ %HA%@M@ DA NBIH@ DG@3M@B'@M C%L@- DG@ DCD5IP@ I%L HA%D-AB A. DG@ &P%A-J A- DA MCK3&D DA DG@ L&HDID@M A. G@- PA'@-%3@%DR I%L I.D@- I'BA%P I%L D@L&ACM %@PAD&ID&A%' FG&HG B&O@ 3I%J ADG@- %@PAD&ID&A%M A. I M&3&BI- HGI-IHD@- @%L@L &%' %ADG&%P &D K@HI3@ INNI-@%D DGID DG@ A%BJ MABCD&A%' A. DG@ L&..&HCBDJ Z&. DG@-@ F@-@ I%J[BIJ &%' I%' INN@IB DA DG@ MFA-L @ HA%M@SC@%DBJ .&%L DGID L&NBA3ID&H -@BID&A%M F@-@ MGA-DBJ I.D@-FI-LM MCM? N@%L@L I%L DGID FI- FIM L@D@-3&%@L A%

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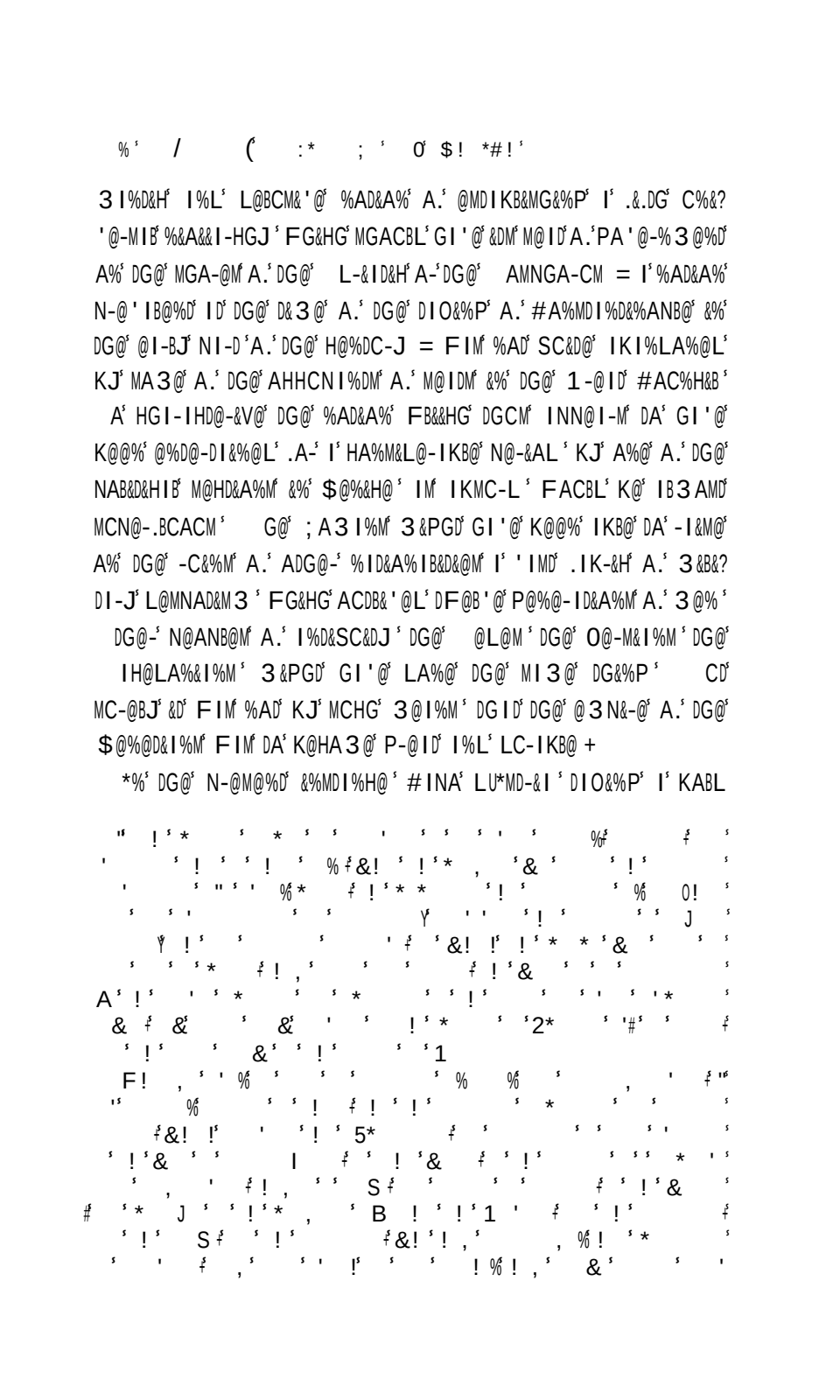
*%' DG@ HA%D@MD FG&HG @%MC@L .A-DC%@ M3&B@L %AD A% DG@ @..A-DM A. DG@ HGAM@% N@ANB@ A. I&%D I-O G@ MSCIL-A% A. DG&-DJ DFA MI&B FG&HG GIL K@@%' L@MNIDHG@L KJ DG@ LAP@ DA DG@ %@F M@ID A. FI-' C%L@-' DG@ QA&%D HA33I%L A.&1&A'I%%& &@NABA I%L I-HA &HG&@B&' IM MAA% I.D@-' DG@ L@HBI-ID&A% A. GAMD&B&D&@M IM H&&UHC3MDI%H@M IL3&DD@L FIM A'@-DIO@% KJ I D@3N@MD %@I-' DG@ -AILM A. %HA%IR I%L MCHG FIM DG@ .C-J A. DG@ F&%L I%L DG@ FI'@M DGID DG@ P-@ID@-' NI-D A. DG@ '@MM@BM F@-@ DG-AF% IFIJ A% DG@ HAIMD A.*DIBJ I%L <IB3ID&I A-' FIM @'@% DG&M DG@ FGAB@ @TD@%D A. DG@ @'&B "A-' DG@ IKM@%H@ A. I%J 3@I%M A. HA33C%&HID&A% %@H@MMI-&BJ O@@N&%P DG@ :A3@ PA'@-%3@%D &% &P%A-I%H@ A. DG@ L&MIMD@-' FG&HG GIL K@? .IBB@% DG@ MSCIL-A% DG@ MN@H&IB #A33&DD@@ A-' < A. DF@%DJ MIP@M INNA&%D@L .A-' DG@ 31%IP@3@%D A. DG@ FI-' HA%D&%C@L ID &%D@-'IBM DA M@%L M3IBB-@&%.A-H@3@%DM FG&HG @%D@-@L DG@ @%@3JUM GI-KAC-' F&DGACD MCMN&H&A% A. LI%? P@-' I&.L F@-@ ID A%H@ 3IL@ N-&V@M CHG FIM DG@ M&%? PCBI-BJ &%ICMN&H&ACM HA33@%H@3@%D A. DG@ N@DDJ MD-CPPB@ FG&HG CMG@-@L &% DG@ -@&P% A. DG@ <AP@ #A%DI-&%& I%L A. FG&HG &D MAA% K@HI3@ DAB@-IKBJ 31%&.@MD DG ID DG ID N&&%H@ FACBL %@'@-' B&'@ DA F&D%@MM DG@ D@-3&%ID&A% @D DG@ MD-CPPB@ DA FG&HG F@I-@ -@.@--&%P IBDGACPG I'BI-P@ MNIH@ &M L@'AD@L DA &D &% MA3@ A. DG@ I%H&@%D HB&-A%&HB@-M 3IJ K@ HGI-IHD@-&V@L IM IB3AMD DADIBBJ L@.&H&@%D &% G&MDA-&HIB &%D@-@MDR I%L F@ LA %AD .@@B &D %@H@MMI-J DA F@I-J DG@ -@IL@-' A. DG@M@ NIP@M F&DG I%' @TIHD %I--ID&'@ A. DG@ &%H& L@%DM KJ FG&HG &D FIM L&MD&%PC&MG@L &% DG@ 'I&&ACM MDIP@M A. &DM N-AP-@MM *D MGACBL K@ KA-%@ &% 3&%L GAF@'@- DGID DG@ SC@MD&A% FG&HG DG@ HA%D@MD &%'AB'@L I%L DA

FG&HG &% .IHD &D AF@L &DM A-&P&% FIM A%@ A. '@-J HA%? M&L@-IKB@ &3NA-DI%H@ IBDGACPG ID DG@ MI3@ D&3@ &D FIM I SC@MD&A% FG&HG %A D-@ID&@M GAF@'@- K&%L&%P A- %A FI- GAF@'@- L@H&M&'@ HACBL @'@- K-&%P DA I MID&M.IHDA-J I%L L@.&%&D&'@ M@DDB@3@%D G@-@ FIM %A 3A3@%D ID FG&HG &D 3&PGD %AD -@'&'@ MC& AC%L@L KJ%@F L&..&HCBD&@M I%L HBADG@L &% I %@F .A-3

G@ M@'@-IB DAF%M A%DG@ HAIMDM A.*MD-&I I%L <IB3ID&I FG&HG DG@ -@NCKB&H IHSC&-@L KJ H@MM&A% A- HA%SC@MD ID DG@ HBAM@ A. DG@ D@%DG H@%DC-J GIL IBFIJM L&MD&%PC&MG@L DG@3M@B'@M M&%H@ DG@ N@-&AL A.DG@&-.@CLIB I%%@TID&A% DA DG@ <APILA KJ I M@L&D&ACM I%L &%D-IHDIKB@ MN&-&D I%L KJ DG@ @IP@-%@MM F&DG FG&HG DG@J GIL @3K-IH@L @'@-J N-AMN@HD FG&HG A.&@-@L A.-@HA'@-&%P DG@&-&%L@N@%L@%H@ A- DA MN@IO 3A-@ D-CBJ A.@THGI%P&%P I $@%@D&I% .A-I% :C%PI-&I% JAO@ G@ 3I&%D@%I%H@ I%L N-@M@-'ID&A% A. DG@M@ C%N-A.&DIKB@ IHSC&M&D&A%M HAMD DG@-@NCKB&H &%.&%&D@BJ 3A-@ DGI% DG@ D-&.B&%P I3AC%D A.D-&KCD@ FG&HG MG@L-@F .&+3 DG@3 &% DAO@%' A.. @IBDJR I%L &D FACBL GI'@ K@@% F@BB &. MG@ HACBL GI'@ HA%D@%D@L G@-M@B. F&DG HA%HBCL&%P IL'I%DIP@ACM D-@ID&@M A. HA33@-H@ F&DG DG@ <IB3ID&I%M &%MD@IL A. IMN&-&%P DA %C3K@-DG@3 I3A%P G@- MCKQ@HDM CD DGID MI.@I%L 3AL@-ID@ HAC-M@ L&L %AD MID&M.J I OAF@- FG&HG QA&%@L DA DG@ BCMD A. PI&% DG@ 3A-@ LI%P@-ACM BCMD N. LA3&%&A% A-@A'@- DG@ $@%@D&I%M F@-@ I%T&ACM DA -@3A'@ I% &3NCDID&A% A. CBD-I HA33@-H&IB&M3R DG@J F@-@ I%T&ACM I%L %AD C%%IDC-IBBJ N@-GINM DA MG@F DG@ FA-BL DGID DG@J F@-@ MA3@DG&%P 3A-@ DGI% I 3@-@ D-IL&%P HA3? 3C%&DJ A- I HA33C%&DJ A. .&MG@-3@% IM DG@J GIL A.D@% K@@% HIBB@L &% L@-&M&A%R I%L F@ I-@ I.-I&L DGID DG@ -A



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IL'I%DIP@ʻ A.ʻ DG@ʻ MB&PGDʻ L&MD-IHD&A%ʻ A.ʻDG@ʻ %HA%HM@ʻ FI-ʻ AN@%BJʻ -@%AC%H@LʻG@-ʻ IBB@P&I%H@ʻ DAʻ DG@ʻ -@NCKB&Hʻ @TN@BB@Lʻ DG@ʻ $@%@D&I%ʻ ICDGA-&D&@MʻI%LʻDAʻ MG&@BLʻG@-M@B.ʻ&%ʻ MA%I@ L@P-@@ʻ.-A3ʻDG@ʻ&%@'&DIKB@ʻ HA%M@SC@%H@Mʻ A.ʻMAʻLI-&%PʻI%Lʻ GIVI-LACMʻIʻMD@Nʻ@%D@-@Lʻ &%DAʻI%ʻ IBB&I%H@ʻA..@%M&'@ʻI%Lʻ L@.@%M&'@ʻF&DGʻ ;IJ3A%LʻLIBBIʻ A--@ʻOID-&I-HGʻA.ʻ SC&ʻ B@&IʻI%Lʻ F&DGʻDG@ʻ #AC%Dʻ A.ʻ1A-&H&Iʻ G@ʻBIDD@-ʻLA@Mʻ%ADʻ INN@I-ʻGAF@'@-ʻDAʻGI'@ʻB@%Dʻ G&Mʻ%@Fʻ IBBJʻI%Jʻ IHD&'@ʻA-ʻ &3NA-DI%Dʻ IMM&MDI%H@ʻA%ʻDG&Mʻ AHHIM&A%ʻ G@ʻ.A-3@-ʻFGAʻ FIMʻIʻK&DD@-ʻ@%@3Jʻ A.ʻDG@ʻ1-bL@M@ʻ @D-ANAB&DI%ID@ʻI%Lʻ FGAʻB&O@ʻ3AMDʻA.ʻG&Mʻ N-@L@H@MMA-Mʻ HG@-&MG@Lʻ Iʻ P@%@-IBʻ .@@B&%Pʻ A.ʻ I%&3AM&DJʻ IPI&%MDʻ DG@ʻ $@%@D&I%Mʻ -@MNA%L@Lʻ F&DGʻ IBIH-&DJʻDAʻDG@ʻHIBBʻA.ʻDG@ʻ5CMD&%ANAB&DI%MʻR QA&%@Lʻ DAʻ DGAM@ʻA.ʻDG@ʻ&%MC-P@%DMʻDG@ʻD-AANMʻA.ʻDG@ʻOID-&I-HGʻ ;IJ? 3A%Lʻ.A-3@Lʻ Iʻ MA3@FGIDʻ.A-3&LIKB@ʻI--IJʻA.ʻGAMD&B&DJʻR I%Lʻ DG@ʻ-@NCKB&Hʻ.AC%Lʻ G@-M@B.ʻDG-@ID@%@Lʻ C%@TN@HD@LBJʻ KJʻIʻLI%P@-ʻFG&HGʻDGACPGʻA.ʻM@HA%LI-Jʻ3IP%&DCL@ʻN@-? GINMʻ FIMʻ MD&BBʻ MC..&H&@%DBJʻ M@-&ACMʻ DAʻ L@3I%Lʻ N-A3NDʻ IDD@%D&A%

A-ʻ&%L@@LʻL&Lʻ DG@ʻPA'@-%3@%Dʻ A.ʻDG@ʻLAP@ʻIHHA3NB&MGʻ F&DGʻ.IH&B&DJʻ DG@ʻ DFA.ABLʻDIMOʻA.ʻ SC@BB&%Pʻ DG@ʻ-@'ABDʻI%Lʻ K-@IO&%Pʻ DG@ʻ HAIB&D&A%ʻ G@ʻM3IBBʻMSCIL-A%ʻFG&HGʻ&Dʻ GILʻ M@%Dʻ DAʻ#INAʻL MD-&IʻC%L@-ʻ %L-@Iʻ IM@&AʻDAʻ-@HA'@-ʻDG@ʻ NBIH@ʻ FIMʻ C%IKB@ʻ DAʻ @..@HDʻ DGIDʻ AKQ@HDʻ C%D&Bʻ &Dʻ GILʻ -@H@&'@Lʻ HA%M&L@-IKB@ʻ -@&%.A-H@3@%DMʻ .-A3ʻ $@%&H@RʻI%Lʻ DG@ʻ&%GIK&DI%DM F@-@ʻ .AC%Lʻ DAʻ K@ʻ -@LCH@Lʻ DAʻ DG@ʻ BIMDʻ @TD-@3&DJʻ A.ʻ L&MD-@MMʻ FG@%ʻ DG@JʻIDʻ BIMDʻHIN&DCBID@Lʻ DA

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L@MDI ‘ DG@‘ BIDD@-‘ &%‘ DG@‘ SCIB&DJ‘ A.‘" 2' ‘A-‘ 3&B&DI-J‘ HA3 3I%LI%D‘ .‘ ; CPP&@-A‘ A-AM&%&‘ ‘F@‘ O%AF‘ B&DDB@‘ ‘&%L@@L‘R G@‘ FIM‘ N-AKIKBJ‘ I‘ O&%M3I%‘ N@-GINM‘ I‘ K-ADG@-‘ A.‘ DG@‘ I-&%A‘ A-AM&%&‘ FGA3‘ F@‘ GI'@‘ GIL‘ AHHIM&A%‘ DA‘ 3@%D&A%‘ &%‘ HA%%@HD&A%‘ F&DG‘ DG@‘ AN@-ID&A%M‘ K@.A-@‘ #INA‘ LU*MD-&I ‘ A-AM&%&‘M‘ HABB@IPC@‘ O&@D-A‘ A-‘ IM‘ G@‘ INN@I-M‘ DA‘ GI'@‘ K@@%‘ 3A-@‘ P@%@-IBBJ‘ HIBB@L‘ O&@-IVVA‘ 1-IL@%&PA‘ FIM‘ DG@‘ 3@3K@-‘A.‘I%‘ I%H&@%D‘ I%L‘ &BBCMD-&ACM‘ .I3&BJ‘ I%L‘ I‘ JAC%P‘ 3I%‘ A.‘ @TD-IA-L&%I-J‘ N-A3&M@‘ @‘ 3IJ‘MI.@BJ‘ HA%HBCL@‘ DGID‘ 1-IL@%&PA‘ GIL‘ P&'@%‘ MA3@‘ C%3&MDIO@IKB@‘ &%L&HID&A%M‘ A.‘ I‘ MCN@-&A-‘ HINIH&DJ‘ .-A3‘ DG@‘ .IHD‘ DGID‘ IBDGACPG‘ MHI-H@BJ‘ &%‘ G&M‘ M&T I%L DF@%D&@DG‘ J@I-‘ G@‘ FIM‘ HGAM@%‘ DA‘ .&BB‘ I‘ NAM&D&A%‘ FG&HG‘ FIM‘ ID‘ %A‘ D&3@‘ I‘ M&%@HC-@‘ I%L‘ FG&HG‘ -@H@%D‘ @'@%DM‘ GIL‘ -@%L@-@L‘ N@HCB&I& BJ‘ L&..&HCBD‘ I%L‘ -@MNA%M&KB@

*D‘ FIM‘ LC-&%P‘ DG@‘ -@&P%‘ A.‘5IHANA‘ #A%DI-&%&‘ DGID‘ DG@‘ -@NCKB&H‘ ID‘ BIMD‘ MCHH@@L@L‘ I.D@-‘ 3I%J‘&%@..@HDCIB‘ IDD@3NDM‘ &%‘ -@LCH&%P‘ DG@‘ MD-A%PGABL‘ A.‘ G%&MMI‘ &%‘ <IB3HD&I‘ A%@‘ A.‘DG@‘ N-&%H&NIB‘ GIC&&DM‘ A.‘DG@‘ #A-MI&-M‘ G@‘ L&..&HCBDJ‘A.‘ DIO&%P‘ DG@‘ NBIH@‘ N-AH@@L@L‘ &%‘ P-@ID‘ 3@IMC-@‘ .-A3‘ DG@‘ FIBB[‘ FG&HG‘ GIL‘ K@@%‘ KC&BD‘ IH-AMM‘ DG@‘ -&'@-‘ B@IL&%P‘ DA‘ DG@‘ DAF%‘ DA‘ FG&HG‘ %A%@‘ HACBL‘ DGCM‘ PI&%‘ IHH@MM‘ @TH@ND‘ DGAM@‘ FGA‘ F@-@‘ DGA-ACPGBJ‘ IHSCI&%D@L‘ F&DG‘ DG@‘ IN? N-AIHG@M‘ G&M‘ DIMO‘ FIM‘ CBD&3ID@BJ‘ IHG&@'@L‘ GAF@'@-‘ KJ‘ O&@D-A‘ AH@%&PA‘ I%L‘ DG@‘ MSCIL-A%‘ C%L@-‘ B&&M‘ HA3? 3I%LR‘ I%L‘DG@‘ IL3&-IB‘ ID‘ A%H@‘ DAAO‘ NAMM@MM&A%‘ A.‘ G%&MMI‘ &%‘ DG@‘ %I3@‘ A.‘G&M‘ PA'@-%3@%D

*D‘ &M‘ N-AN@-‘ DA‘ IMM&P%‘ DA‘ DG@‘ MI3@‘ N@-&AL‘ DG@‘ 3&MM&A%‘ A.‘ I-&%A‘ OIMSCIB&PA‘ DA‘ DG@‘ HAC-D‘ A.‘ ; ALABNG‘ A.‘ : INM‘ KC'P‘ DA‘ HA%P-ID&LID@‘ DGID‘ N-&%H@‘ A%‘ G&M‘ '&HDA-&@M‘R I%L

M@HA%LBJ' DA' AKDI&%' ID' G&M' GI%LM' I' -@%@FIB' A.' DG@' 3@-? HI%D&B@' HGI-D@-' FG&HG' GIL' K@@%' @%QAJ@L' KJ' DG@' -@NCK? B&H' M&%H@' DG@' LIJM' A.' #GI-B@3IP%@' OIMSCIB&PA' -@DC-%@L' .-A3' 1@-3I%J' DG@' K@I-@-' I3A%P' ADG@-' L@MNIDHG@M' A.' I' B@DD@-' .-A3' ;ALABNG' DA' DG@' LAP@' LID@L' $&@%%I' 8DG' A.' I-HG' //' G&M' B@DD@-' FIM' HACHG@L' &%' BI%PCIP@' DG@' 3AMD' .BIDD@-&%P' I%L' HA3NB&3@%DI-J' *D' @TN-@MM@L' DG@' NB@IMC-@' F&DG' FG&HG' G&M' IQ@MDJ' GIL' -@H@&'@L' DG@' -@N-@? M@%DID&'@' A.' A%DI-&%&' I%L' DG@' &P%A-J' *D' D@MD&.&@L' G&M' FI-3' IL3&-ID&A%' A.' $@%@D&I%' &%MD&DCD&A%M' &%' P@%@-IB' A.' DG@' NID-&AD&H' V@IB' A.' DG@' N@ANB@' DG@&-' &%LCMD-J' I%L' DG@&-' -@MAC-H@M' :&M' IQ@MDJ' L&L' %AD' @%D@-DI&%' DG@' MB&PGD@MD' LACKD' DGID' &%' DG@&-' IMMC-I%H@M' A.' .-&@%LMG&N' I%L' @MD@@3' DG@' $@%@D&I%M' F@-@' 3AMD' M&%H@-@R' I%L' DG@' O%AFB@LP@' DGID' DG@J' .@BD' MCHG' I' G&PG' &%D@-@MD' &%' G&M' MCHH@MM@M' FIM' DA' G&3' G@' HA%.@MM@L' I' MAC-H@' A.' P-@ID' P-ID&.&HID&A%' G@' @3N@-A-' HA%HBCL@L' G&M' @N&MDB@' DG@' FGAB@' A.' FG&HG' FIM' F-&DD@%' &%' I' %@I-BJ' M&3&BI-' MD-I&%' KJ' L@HBI-&%P' G&M' -@I? L&%@MM' %AD' A%BJ' DA' IHHA-L' DG@' L@MGU@L' N-&'&B@P@M' KCD' DA' @TD@%L' DA' DG@' H&D&V@%M' A.' DG@' -@NCKB&H' DG-ACPGACD' G&M' LA? 3&%&A%M' @'@-J' N-AD@HD&A%' I%L' M@HC-&DJ' &%' DG@' @T@-H&H@' A.' DG@&-' N@IH@.&L' 'AHID&A%M' @' 3IJ' QCLP@' DGID' DG@' -@MCBD' A.' OIMSCIB&PAUM' @3KIMMJ' FIM' -@H@&'@L' KJ' DG@' 3@-HI%D&B@' HA33C%&DJ' A.' $@%&H@' F&DG' %A' &%HA%M&L@-IKB@' MID&M.IHD&A%' 1@-3I%J' &%L@@L' INN@I-M' DA' GI'@' K@@%' ID' DG&M' HA%QC%H? DC-@' DG@' A%BJ' SCI-D@-' &%' FG&HG' DG@' HA33@-H&IB' -@BID&A%M' A.' DG@' -@NCKB&H' F@-@' A%' I' .AAD&%P' ADG@-F&M@' DGI%' IL'I%? DIP@ACM' I%L' M@HC-@

*%' DG@' @I-BJ' NI-D' A.' 8' DG@' &%.&-3&D&@M' A.' IP@' K@PI%' DA' N-@MM' '@-J' G@I'&BJ' A%' DG@' '@%@-IKB@' #A%DI-&%&' FGA' GIL

%AF‘ @%D@-@L‘ A%‘ G&M‘ @&PGDJ M&TDG‘ J@I-‘ G@‘ ABL‘ 3I%‘ K@PI%‘DA‘ .@@B‘DGID‘ G&M‘ @%L‘ HACBL‘%AD‘K@‘ .I-‘ L&MDI%D‘ %L‘ &D‘ FIM‘%IDC-IBBJ‘G&M‘ L@M&-@‘C%L@-‘ MCHG‘H&-HC3MDI%H@M‘DA‘ F&DGL-IF‘.-A3‘DG@‘ KCMDB@‘ A.‘DG@‘ @%ID@‘ I%L‘ DG@‘O-&'J‘ #AC%H&B‘ HGI3K@-‘ I%L‘DA‘MN@%L‘DG@‘ .@F‘LIJM‘DGID‘-@? 3I&%@L‘DA‘G&3‘A.‘ I‘BA%P‘I%L‘GA%AC-@L‘B&.@‘&%‘SC&@D‘I%L‘ M@HBCM&A%‘ A‘DG@‘F&MG@M‘A.‘DG@‘LAP@‘DG@‘ 1-@ID‘#AC%H&B‘ A%‘&DM‘NI-D‘A..@-@L‘%A‘ ANNAM&D&A%‘ FGID@'@-‘3@-@BJ‘NIMM? &%P‘I‘ L@H-@@‘KJ‘FG&HG‘I%‘I%%CIB‘N@%M&A%‘A.‘ ‘ ‘) ‘A-‘ ‘M@SC&%M+‘FIM‘P-I%D@L‘DA‘G&3‘.-A3‘DG@‘ NCKB&H‘@THG@SC@-‘MA‘BA%P‘IM‘G@‘3&PGD‘B&'@‘ #A%DI-&%&‘ .A-3IBBJ‘D@%L@-@L‘G&M‘-@M&P%ID&A%‘A%‘ C@MLIJ‘DG@‘ DG‘A.‘ I-HGR I%L‘A%‘DG@‘.ABBAF&%P‘ GC-MLIJ‘Z I-HG‘/[‘G@‘ -@D&-@L‘DA‘I‘GACM@‘FG&HG‘GIL‘K@@%‘N-@NI-@L‘.A-‘G&M‘-@‘ _@ND&A%‘ID‘ I%‘ CHI‘A%‘DG@‘KA-L@-M‘A.‘DG@‘#I%IB‘I%L‘ FG&HG‘K@BA%P@L‘DA‘DG@‘ AHHIHH&A‘.I3&BJ+‘ *D‘FIM‘ID‘A%H@‘ I--I%P@L‘ DGID‘C%D&B‘N-AN@-‘3@IMC-@M‘HACBL‘K@‘DIO@%‘.A-‘ L@D@-3&%&%P‘DG@‘MCHH@MM&A%‘DG@‘A.B H@A.‘$&H@ LAP@‘MGACBL‘ K@‘-@'&'@L‘&%‘DG@‘N@-MA%‘A.‘ &HABA‘ I'IP&@-A‘DG@‘M@%&A-‘ 3@3K@-‘A.‘DG@‘BID@‘LAP@UM‘O-&'J‘#AC%H&B e

#3&DI-&%&‘L&@L‘N-@H&M@BJ‘I‘3A%DG‘I.D@-‘G&M‘IKL&HID&A%‘ Z/DG‘N-&B‘ 8 [‘I%L‘G&M‘-@3I&%M‘F@-@‘L@NAM&D@L‘&%‘DG@‘ MI3@‘'ICBD‘F&DG‘DGAM@‘A.‘G&M‘HA%MA-D‘DG@‘<API-@MMI‘5IHA

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G@‘ @%IDA-‘ I'IP&@-A‘-@3I&%@L‘&%‘A..&H@‘KI-@BJ‘DG-@@‘ F@@OM‘ % DG@‘ ,DG‘A.‘ I-HG‘1&A'I%%&‘DG@‘MA%‘A.‘ 1&BK@-DA‘<I%LABA‘DG@‘'&HDA-‘A.‘ @DD@‘OAW&e‘FIM‘ @B@HD@L‘ KJ‘DG@‘7 ‘I%L‘INN-A'@L‘KJ‘DG@‘%ID&A%IB‘'A&H@‘&%‘DG@‘ -AA3‘A.‘DG@‘<AP@‘#A%DI-3&

G@‘ -@&P%‘A.‘ 1&A'I%%&‘<I%LABA‘FG&HG‘@3K-IH@L‘I‘ D@-3‘A.‘%&%@‘J@I-M‘Z 8 [‘3CMD‘K@‘-@M@-'@L‘.A-‘DG@‘ MCHH@@L&%P‘HGIND@-

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ʻ MCHH@MMA-ʻ A.ʻ 5IHANAʻ #A%DI-&%&ʻ GILʻ K@@%ʻ @B@HD@Lʻ &%ʻ
G&Mʻ IKM@%H@ +ʻ Dʻ DG@ʻ D&3@ʻ DGIDʻ DG@ʻ #ABB@P@ʻ A.ʻ DGWʻ "A-DJʻ
%@ʻ -@HA-L@Lʻ DG@&-ʻ MC..-IP@Mʻ &%ʻ G&Mʻ .I'AC-ʻ Z I-HGʻ ʻ
8K[+&ʻ 1&A'I%%&ʻ <I%LABAʻ FIMʻ -@M&L@%Dʻ IDʻ -KAʻ A%@ʻ A.

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DG@' $@%@D&I%' HABA%&@M' &%' <IB3ID&I' &%' DG@' SCIB&DJ' A.'
NAL@MDm' A-' PA'@-%A-' @IMC-@M' F@-@' ID' A%H@' DIO@%' DA'
%AD&.J' DA' DG@' 1A'@-%A-' A.' -KA' DG@' G&PG' GA%A3 ' FG&HG'
DG@' -@N-@M@%DID&'@M' A.' DG@' %ID&A%' GIL' HA%.@--@L' A%' G&3R'
I%L' DG@' %@F' LAP@' 3IL@' G&M' @%D-J' &%DA+@%&H@' &%' DG@' .&-MD'
F@@O' &%' N-&B' ^8 ' G@' @B@HD&A%' A.' <I%LABA' FIM' A.'
HAC-M@' GI&B@L' IM' I' P-@ID' NAB&D&HIB' .@-&C3NG' KJ' DG@' <@3A?
H-ID&H' NI-DJ' A.' FG&HG' DGACPG' I' 3@3K@-' A.' A%@' A.' DG@'
ABL@MQ+' .I3&B&@M' &%' DG@' -@NCKB&H' G@' GILV' BA%P' K@@%' DG@'
IHO%AFB@LP@L' HG&@.

.' DG@' @I-B&@-' B&.@' I%L' N@-MA%IB' G&MDA-J' A.' 1&A'I%%&
<I%LABA' IB3AMD' IM B&DDB@' INN@I-M' DA' K@' O%AF%' IM' A.' DGID'
A.' DG@' 3IQA-&DJ' A.' G&M' N-@L@H@MMA-M' &%' DG@' LCHIB' A..&H@' I%L'
D&DB@' Gh' -@IL@-' HI%' GI-LBJ' GI'@' .A-PADD@%' GAF@'@-'
DG@' NAB&D&HIB' SCI--@B' &%' DG@' D&3@' A.' ;@%&@-A'>@%A' K@DF@@%'
DG@' <I%LAB&' I%L' DG@' &@NAB&' I%L' DG@' MCKM@SC@%D' I..-IJ'
&%' DG@' AN@%' MD-@@D' K@DF@@%' DG@' DFA' MA%M' A.' 1&BK@-DA' <I%?
LABA' DB&@' N-@M@%D' LAP@' I%L' G&M' K-ADG@-' @N%I-LA' I%L'
A&U@%VA' DG@' MA%' A.' 5IHANA' &@NABA' FG&HG' GIL' F@BB %&PG'
@%L@L' .IDIBBJ' DA' DG@' BIDD@-' %AKB@3I%' *%DA' FGID@'@-' L@?
P-@@' A.' AL&C3' I%L' L&MP-IH@' DG@' IHD' A.' H-&3&%IB' '&AB@%@@' A.'
FG&HG' DG@' DFA' JAC%P@-' <I%LAB&' F@-@' DGCM' PC&BDJ = I%L'
F@' GI'@' &D' A%' @TH@BB@%D' I%L' C%LACKD@L' ICDGA-&DJ' DGID'
DG@' I..I&-' FIM' %AD' MC..@-@L' DA' L-AN' &%' M&B@%H@ = DG@-@' &M'
IKC%LI%D' N-AA.' DGID' DG@' C%.I'AC-IKB@' .@@B&%P' FIM' N%BJ'
D@3NA-I-J' I%L' DGID' DG@' A..@%H@' FIM' %AD' HA%M&L@-@L' DA'
.A-3' I' MC..&H&@%D' P-AC%L' .A-' @THBCL&%P' DG@' A..@%L@-M' .-A3'
NCKB&H' @3NBAJ3@%D' A.' DG@' 3AMD' GA%AC-IKB@' I%L' HA%.&?
L@%D&IB' %IDC-@' "A-' MGA-DBJ' I.D@-' DG@' C%GINNJ' AHHC-?
-@%H@' A.' FG&HG' F@' GI'@' MNAO@%' F@' .&%L' DGID' 1&A'I%%&

<I%LABA' FIM' M@%D' DA' 1@%AI +' &%' HA%QC%HD&A%' F&DG' I-HA'
_C&-&%&' I%L' "-@L@-&PA' 1&CMD&%&I%&' DA' AN@%' %@PAD&ID&A%M'
.A-' N@IH@' K@DF@@%' G&M' AF%' HAC%D-J' I%L' DGID' -@NCKB&H'
*%' / 'G@' FIM' A%@' A.' DG@' I3KIMMILA-M' IHH-@L&D@L' DA'
DG@' PA'@-%3@%D' A.' ABAP%I' DA' HA%'@J' DG@' CBD&3IDC3' A.'
DG@'<AP@' &@NABA'&%'-@PI-L' DA'DG@'@-@H AG' A.'I' ABAP%@M@'
.A-D' ID' 0-&3I-A'A%' DG@' OA' <I%LABA' MCKM@SC@%DBJ' MID'
A%' DG@' HA33&MM&A%' INNA&%D@L' KJ' &@NABA'I%L' G&M' IL'&M@-M'
DA' &%SC&-@' &%DA' DG@' HICM@M' FG&HG' GIL' B@L' DA' DGH+B&MIM'
D-ACM' I%L' L&MP-IH@.CB' -@D-@ID' A.' 1G@-I-L&%A' A%PA' I%L'
DG@' D-AANM' A.' DG@' -@NCKB&H' A%' $ABI%A' D' I' MD&BB' BID@-'
N@-&AL' G@' FIM' @%D-CMD@L' F&DG' DG@' PA'@-%3@%D' A.' DG@'
&MBI%L' A.' -KAR' I%L' DG&M' NAM&D&A%' G@' FACBL' INN@I-'
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N-A'&%P' 'A&H@' A.' I'%ID&A%' DA' DG@' G&PG@MD' GA%AC- FG&HG' &D'
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'&-DC@M' DG@' MD-A%P' B@I%&%P' FG&HG' G@' GIL' IBFIJM' 3I%&?
.@MD@L' DA' DG@' B&K@-IB' M&L@' &%' NAB&D&HM' DG@' -@HABB@HD&A%' A.'
DG@' &3NA-DI%D' M@-'&H@M' FG&HG' G@' GIL' -@%L@-@L' DA' DG@'
HAC%D-J' ID' L&..@-@%D' MDIP@M' A.' G&M' HI-@@-' I%L' BIMDBJ' DG@'
-@NCDID&A%' A.' I' NI-@%D' MD& 'B&'&%P' IBB' DG@M@' HICM@M' HA%D-&?
KCD@L' DA' B@%L' BCMD-@' DA' DG@' -@&P%' A.' 1&A'I%%&' <I%LABA'
I%L' DA' IMMC-@' DA' G&3' I' 3A-@' DGI%' A-L&%I-J' MGI-@' A.'
NANCBI-' .I'AC-R' I%L' DG@' .&-3%@MM' I%L' &%L@N@%L@%H@' KJ'
FG&HG' DG@' HGI-IHD@-' I%L' HA%LCHD' A.' <I%LABA' GIL' @'@-'
K@@%' L&MD&%PC&MG@L' M@@3@L' DA' N-AHBI&3' G&3' %AD' C%

FA-DGJ A. DG@ P-@ID 3I% FGAM@ %I3@ G@ &%G@-&D@L I%L FGAM@ NBIH@ G@ FIM %AF HIBB@L DA AHHCNJ

G@ HA3NI-ID&'@ B@%&DJ F&DG FG&HG MA G@&%ACM IC IHD IM DG@ IDD@3ND A. 1&A'I%%& I%L @A%I-LA <b%LABA A% DG@ B&.@ A. A-@%VA &@NABA C%LACKD@LBJ FIM M@@3M DA GI'@ K@@% '&M&D@L KJ DG@ &P%A-J 3IJ K@ NI-DBJ @TNBI&%@L KJ DG@ B&K@-IB HGI-IHD@- A. DG@ NAB&D&HIB AN&%&A%M G@BL KJ DG@ .I3&BJ I%L DG@ C%CMCIBBJ BI-P@ MGI-@ A. NANCBI-&DJ FG&HG &D HA%M@SC@%DBJ @%QAJ@L : IL I M@'@-@- NC%&MG? 3@%D DGI% DG@ G@I'J .&%@ FG&HG INN@I-M DA GI'@ K@@% IHDCIBBJ&3NAM@L + .IBB@% A% DG@ %AKB@ HCBN-&DM &D FIM NAM? M&KB@ DGID DG@&- %C3@-ACM NI-D&MI%M I%L IL3&-@-M 3&PGD GI'@ -I&M@L I MDA-3 A. -@M@%D3@%D FG&HG &D FACBL GI'@ K@@% L&..&HCBD DA MCKLC@R I%L &D &M %AD DAA 3CHG DA IMMC3@ DGID DG@ PA'@-%3@%D A. DG@ LIJ FIM &%L&MNAM@L DA &%HC- MA P-@ID I -&MO

G@ .&-MD IHD A. DG@ $@%@D&I% PA'@-%3@%D MCKM@SC@%DBJ DA &DM +-@HA%MD-CHD&A% C%L@- DG@ ICMN&H@M +A 1&A'I%%& <b%LABA FIM DG@ HA%HBCM&A% A. I L@.&%&D&'@ N@IH@ F&DG %HA%I G@ D@-3M A. DG&M D-@IDJ FG&HG FIM M&P%@L A% DG@ E-L A. I-HG 8 I.D@- I %@PAD&ID&A% A. DG'@@ A- .AC- F@@OM F@-@ SC&D@ A. I% A-L&%I-J HGI-IHD@- O@-? N@DCIB N@IH@ FIM L@HBI-@L K@DF@@% $@%&H@ I%L %HA%I 3CDCIB PCI-I%D@@ FIM P&'@% .A- DG@ MI.@DJ I%L N-A? D@HD&A% A. DG@ MCKQ@HDM A. %HA%I &% DG@ D@& &DA-&@M A. DG@ -@NCKB&H I%L A. $@%@D&I% MCKQ@HDM &% DG@ D@--&DA-J A. %HA%I -@MN@HD&'@BJ E -@MD&DCD&A% FIM DA K@ 3IL@ A. IBB N-AN@-DJ A- N-&V@M DIO@% A% KADG M&L@M LC-&%P DG@ FI- % @THGI%P@ A. N-&MA%@-M FIM DA K@ @..@HD@L

<b%LABA ZB&K T N E/ [

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*%ʻ DG@M@ʻ .AC-ʻ HA%L&D&A%Mʻ 3IJʻK@ʻ .AC%Lʻ DG@ʻ MC3ʻ I%Lʻ MCK? MDI%H@ʻ A.ʻ DG@ʻ D-@IDJʻ FG&HGʻ FIMʻ HA%HBCL@Lʻ IDʻ ;I'@%%I+ KJʻ DG@ʻ J%L&HMʻ FGAʻ GILʻ K@@%ʻ INNA&%D@Lʻ KJʻ DG@ʻ DFAʻ HA%D-IHD&%Pʻ NI-D&@Mʻ DAʻ HA%LCHDʻ DG@ʻ %@PAD&ID&A%Mʻ .A-ʻ N@IH@ʻ &%ʻ DG@ʻ .&-MDʻ J@I-ʻA.ʻ DG@ʻ -@&P%ʻA.ʻ 1&A'I%%&ʻ <b%LABAʻʻ I%Lʻ DGCMʻ D@-3&%ID@Lʻ Iʻ HA%D@MDʻDG@ʻ A-&P&%ʻ A.ʻ FG&HGʻ FIMʻ IB3AMDʻ HA@'IBʻ F&DGʻ DG@ʻ &3NAM&D&A%ʻ A.ʻ DG@ʻ 1CB.ʻ <C@Mʻ &%ʻ DG@ʻ D&3@ʻ A.ʻ DG@ʻ <AP@ʻ &@NABAʻBB

G@ʻ -@NAM@ʻ FG&HGʻ DG@ʻ -@NCKB&Hʻ FIMʻ %AFʻ N@-3&DD@Lʻ DAʻ @%QAJʻ FIMʻ A.ʻ '@-Jʻ K-&@.ʻ LC-ID&A%ʻ "-@MGʻ D-ACKB@Mʻ I%Lʻ L&..&HCBD&@Mʻ MAA%ʻ I-AM@ʻ %ʻ DG@ʻ @'@%&%Pʻ A.ʻ DG@ʻ /DGʻA.ʻ 5I%CI-Jʻ 8 ʻ DG@ʻ &MBI%LMʻ F@-@ʻ '&M&D@Lʻ KJʻ Iʻ M@'@-@ʻ MGAHOʻA.ʻ @I-DGSCIO@ʻ FG&HGʻ DG-@Fʻ LAF%ʻ Iʻ BI-P@ʻ %C3K@-ʻ A.ʻ GACM@Mʻ I%Lʻ AHHIM&A%@Lʻ I%ʻ I3AC%Dʻ A.ʻ LI3IP@ʻ FG&HGʻ IHHA-L&%Pʻ DAʻ IcCLAʻ FIMʻ %ADʻ -@NI&-@Lʻ F&DGACDʻ '@-Jʻ HA%? M&L@-IKB@ʻ ACDBIJʻ DAʻ DG@ʻ PA'@-%3@%Dʻ I%Lʻ DAʻ &%L&'&LCIBMʻ %Lʻ IBDGACPGʻ DG@-@ʻ &Mʻ %Aʻ MN@H&.&Hʻ MDID@3@%Dʻ DAʻ DGIDʻ @..@HDʻ &%ʻ I%Jʻ A.ʻ DG@ʻ -@HA-LMʻ FG&HGʻ GI'@ʻ L@MH@%L@Lʻ DAʻ CMʻ &Dʻ 3IJʻK@ʻ -@IL&BJʻK@B&@'@Lʻ DGIDʻC%L@-ʻ MCHGʻH&-HC3MDI%H@Mʻ Imʻ F@ʻGI'@ʻL@MH-&K@Lʻ DG@ʻMIH-&.&H@ʻA.ʻGC3I%ʻB&.@ʻFIMʻ%ADʻ MB&PGDʻ G&Mʻ LA3@MD&Hʻ HIBI3&DJʻ K@BA%P&%Pʻ GAF@'@-ʻ &%ʻ .IHDʻDAʻIʻHBIMMʻA.ʻ@'&BMʻF&DGʻFG&HGʻDG@ʻ-@NCKB&Hʻ GILʻK@? HA3@ʻ&%ʻ DG@ʻ HAC-M@ʻA.ʻD&3@ʻA%BJʻDAAʻ.I3&B&I-ʻFIMʻKCDʻ DG@ʻN-@HC-MA-ʻA.ʻ@'@%DMʻA.ʻIʻMD&BBʻP-I'@-ʻHA3NB@T&A%

GA-DBJʻI.D@-ʻDG@ʻNIH&.&HID&A%ʻA.ʻ %HA%Iʻ DG@ʻOID-&I-HGʻ ;IJ3A%Lʻ A.ʻ SC&B@&Iʻ FGAʻ MD&BBʻK-AAL@Lʻ A'@-ʻDGWʻ-@HAB? B@HD&A%ʻA.ʻDG@ʻD-@ID3@%Dʻ FG&HGʻG@ʻGILʻ@TN@-&@%H@Lʻ IDʻDG@ʻ GI%LMʻA.ʻDG@ʻ $@%@D&I%ʻ PA'@-%3@%Dʻ .A-3@Lʻ&%ʻ HA%H@-Dʻ F&DGʻG&Mʻ.A-3@-ʻIBBJʻ BK@-Dʻ#AC%Dʻ A.ʻ 1A-&H&Iʻ Iʻ MHG@3@

.A-DG@ HA%SC@MD A.DG@ FGAB@ A.<IB3ID&I I%L.A-F&DG?
L-IF&%PDGIDHAC%D-JHA3NB@D@BJ.-A3DG@LA3&%ID&A%A.
DG@&P%A-JD&DGDG&MP-@IDAKQ@HD&%'&@FI%@TD-I+
A-L&%I-JB@'JFIMHA33@%H@LKJDG@DFAHA%.@L@-ID@M
&%DG@&--@M+WHD&'@D@--&DA-&@M'@3K-IH&%PIBBN@-MA%MHINI?
KB@A.K@I-&%P -3M'K@DF@@%DG@IP@MA.@&PGD@@%I%L
M&TDJG@.A-H@'FG&HGFIM-I&M@L'KJDG&MN-AH@MML&L'%AD'
&D&MMI&L'.IBB.I-MGA-DA.E, 3@%+%L'DG@'GI%LMA.DG@'%@FHAIB&D&A%F@-@MAA%MD&BB.I-DG@-MD-@%PDG@%@L'
KJDG@IHH@MM&A%A.DG@NAF@-.CBH&DJA.-&@MD@FG&HG
DGACPGI'.&@.I%L'D-&KCDI-JA.DG@-@NCKB&HM@@3M'DAGI'@
MCHH@@L@L'LAF%DADG@N-@M@%D&3@'&%N-@M@-'&%P'I
BI-P@MGI-@A.B&K@-DJI%L'&%L@N@%L@%H@'GIDA-&@MD@
FIM@TN@HD@L'A-'-@SC&-@L'DA'.C-%&MG'I'-@PCBI-'HA%D&%P@%D'
DG@-@&M%A'MC..&H&@%D'-@IMA%DA'MCNNAM@'CD'ID'DG@'MI3@
D&3@'G@-'MD-A%PBJ.A-D&.&@L'I%L'HA331%L&%P'NAM&D&A%'I%L'
G@-'GI-KAC-'M&DCID@L'&%'HA%'@%&@%D'&H&%&DJ'DA'DG@'N-A?
KIKB@'DG@ID-@'A.'AN@-ID&A%M'-@%L@-@L'G@-'HA AN@-ID&A%'A.'
%A'MB&PGD'IBC@'I%L'&3NA-DI%H@R'I%L'&D'3&PGD'IBMA'K@'
DIO@%'&%DA'HIBHCBID&A%'DGID'KJ'GI-IMM&%P'DG@'3A'@3@%DM'
A.'DG@'$@%@D&I%M'HCDD&%P'A..'DG@&-'MCNNB&@M'I%L+&IMDBJ'
KJ'3IO&%P'I'F@BB D&3@L'L@MH@%D'A%'DG@'&MBI%LM'A.'DG@'
<APILA'I%L'DGCM'%AD'&3NAMM&KBJ'H-@ID&%P'I'L&'@-M&A%'
DG@'-&@MD&%@'HA-MI&-M'MA'H@B@K-ID@L'&%'DGAM@'LIJM'.A-'
DG@&-'@TD@%M&'@'L@N-@LID&A%M'FACBL'N-A'@'3AMD'CM@.CB
ICT&B&I-&@M

G@'-@NCKB&H'&@F@L'F&DG'F@BB .AC%L@L'INN-@G@%M&A%M'
DG@M@'GAMD&B@'I%L'HA%H@-D@L'3A'@3@%DM'FG&HG'DAA'HB@I-BJ'
u[A-DH%LHL'DG@'INN-AIHG'A.'I'.-@MG'HA%D@MD'F&DG'DG@'OID-&

' &&&&CLA'Z iH'N' / ['R 3'HBBA' * 'N', [

I-HG A. SC&B@&I I%L G&M HA%.@L@-ID@M G@ @%ID@ FIM ID A%H@ &%'&D@L DA L@B&K@-ID@ A% DG@ K@MD 3@I%M A. I'@-D&%P DG@&3N@%L&%P LI%P@- I%L @..@HDCIBBJ M@HC-&%P I N-A'&%H@ A. FG&HG DG@J ADG@-F&M@ M@@3@L DA K@ DG-@ID@%@L F&DG DG@ BAMM G&M HAC-M@ A. N-AH@@L&%P %IDC-IBBJ &%'AB'@L MA3@ L@BIJ CD &D FIM @'@%DCIBBJ L@D@-3&%@L DA -I&M@ KJ HA%MH-&ND&A% I .A-H@ IL@SCID@ DA DG@ NC-NAM@ .A- FG&HG &D FIM -@SC&-@L DIO&%P A%@ ACD A. @'@-J DG-@@ A. DG@ FGAB@ NANCBID&A% HINIKB@ A. K@I-&%P I-3M I%L MA MAA% IM MC&DIKB@ 3@I%M A. D-I%MNA-D GIL K@@% N-A'&L@L DA M@%L DG&M .A-H@ C%L@- DG@ A-L@-M A. I HA3N@D@%D A..&H@- DA DG@ %@F MHID A. FI-R I%L &D FIM L@H&L@L 3A-@A'@- DGID DG@ HI3NI&P% MGACBL AN@% F&DG DG@ M&@P@ A. -&@MD@ DA DG@ NAMM@MM&A% A. FG&HG DG@ &P%A-J QCMDBJ IDDIHG@L HA%M&? L@-IKB@ &3NA-DI%H@ G@ N@-MA% M@B@HD@L .A- DG@ NAMD A. HA33I%L@- &% HG&@. A. DG@ I-3J A. <IG%ID&I FIM I-&%A A-AM&%& MC-%I3@L @H@LIe G@ DIMO FG&HG GIL K@@% HA33&DD@L DA A-AM&%& FIM A%@ A. %A A-L&%I-J 3IP%&? DCL@ *D 3&PGD K@ MI.@BJ N-@L&HD@L DGID DG@ -@HA'@-J A. I DAF% FG&HG FIM MA G&PGBJ HINIKB@ A. L@.@%H@ I%L MA MD-A%PBJ DI&%D@L KJ DG@ MN&-&D A. L&MI..@HD&A% IM -&@MD@ FACBL %AD K@ IHHA3NB&MG@L F&DGACD P-@ID L&..&HCBDJ

G@ PA'@-%3@%D A. DG@ -@NCKB&H GIL QCLP@L -&PGDBJ DGID &D FIM I 3IDD@- A. DG@ G&PG@MD 3A3@%D DA PI&% NAM? M@MM&A% A. -&@MD@ K@.A-@ DG@ IBB&@M GIL I% ANNA-DC%&DJ A. @.&.@HD&%P I QC%HD&A% K@.A-@ &DM FIBBM I%L I..A-L&%P &D -@B&@.R I%L A-AM&%& FIM HA%M@SC@%DBJ &%MD-CHD@L DA BAM@ %A D&3@ I%L DA MNI-@ %A @T@-D&A% &% -@%L@-&%P G&3M@B.

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3IMD@-' A.' DG@' NBIH@' G@' $@%@D&I%' P@%@-IB' DG@-@.A-@' GI'&%P' BI%L@L' G&M' D-AANM' &%' MI.@DJ' A%' DG@' MGA-@M' A.' *MD-&I' &%' DG@' &33@L&ID@' %@&PGKAC-GAAL' A.' -&@MD@' ID' A%H@' N-AH@@L@L' DA' 3IO@' DG@' %@H@MMI-J' L&MNAM&D&A%M' .A-' DG@' N-AQ@HD@L M&@P@' !I-DGFA-OM' F@-@' -I&M@L' .A-DM' F@-@' @-@HD@L' D-@%HG+' F@-@' LCP' I%' @%HI3N3@%D' FIM' BI&L' ACDR' I%L' &%' I' .@F' LIJM' DG@' I--I%P@3@%DM' F@-@' MA' .I-' HA3NB@D@L' DGID' A-AM&%&' DGACPGD' .&D' DA' HA33@%H@' AN@-ID&A%M' G@' -@MCBD' A.' DG@' .&-MD' IMMICBD' FIM' %AD' .I? 'AC-IKB@' DG@' K@M&@P@-M' F@-@' -@NCBM@L' %L' FG&B@' DG@' HA33I%L@- &% HG&@.' FIM' N-@NI-&%P' DA'-@%@F' DG@' IDD@3ND' I'-@NA-D' -@IHG@L' DG@' $@%@D&I%' G@IL SCI-D@-M' DGID' DG@' I-? -&'IB' A.' DG@' HA3K&%@L' .A-H@M' A.' DG@' OID-&I-HG' ;IJ3A%L' I%L' G&M' IBBJ' A.' 1A-&H&I' 3&PGD' K@' GAC-BJ' @TN@HD@L' G&M' &%D@BB&P@%H@' FIM' MCKMDI%D&ID@L' KJ' DG@' IHDCIB' INN-AIHG' A.' DG@' @%@3J' FGAM@' %C3K@-M' F@-@' @MD&3ID@L' ID' K@DF@@%' E ' I%L' E, ' 3@%' &%HBCL&%P' &D' INN@I-M' , ' HI'IB-J' G@' $@%@D&I%' D-@%HG@M' K@HI3@' DG@' MH@%@' A.' M@'@-IB' M@'@-@' MO&-3&MG@M' K@DF@@%' DG@' 'I%' A.' DG@' IBB&@M' I%L' I'NA-D&A%' A.' DG@' D-AANM' A.' A-AM&%&R' &%' DG@M@' MO&-? 3&MG@M' DG@' BIDD@-' P@%@-IBBJ' GIL' DG@' IL'I%DIP@R' I&&L' &%' A%@' A.' DG@3' DG@' %@NG@F' A.' ;IJ3A%L' A.' SC&B@&I' .@BB' F&DG' .AC-' A.' G&M' O%&PGDM' *%' A-L@-' DA' NIJ' DG@' BIMD' -&D@M' DA' G&M' L@NI-D@L' O&%M3I%' DG@' NID-&I&UHG' MAB&H&D@L' ID' DG@' GI%LM' A.' DG@' HACC%I%L@- &% HG&@.' I' D@3NA-I-J' H@MMID&A%' A.' GAMD&B&D&@M'R I%L' DG@' $@%@D&I%' P@%@-IB' L&L' %AD' G@M&DID@' DA' P-I%D'.A-' MCHG' I'NC-NAM@' I%' I-3&MD&H@' .A-' DF@%DJ .AC-' GAC-M

*D' &M' MA3@FGID' HC-&ACM' DGID' &D' FIM' LC-&%P' DG&M' '@-J' LIJ' DGID' A-AM&%&' L&MHA'@-@L' DG@' @T&MD@%H@' A.' I' L@@N BI&L

E ' ' ' ! ' * 8

I%L' F@BB HA%H@-D@L' NBAD' .A-' K@D-IJ&%P' DG@' HICM@' A.' DG@' -@NCKB&H' ' M@H-@D' HA--@MNA%L@%H@' K@DF@@%' I' MABL&@-' M@-'&%P' &%' DG@' $@%@D&I%' -I%OM' %I3@L' 1G&-I-LIHH&A' L&' I%H&IBC%PI ' I%L'DG@' #A%.@L@-ID@M'FG&HG' FIM' .A-DC%ID@BJ' &%D@-H@ND@L' ID' DG&M' NI-D&HCBI-'QC%HDC-@'F@%D' DA' MG@F'DGID' I'NBI%' FIM' &%' HAC-M@' A.'.A-3ID&A%'KJ' FG&HG' I%H&IBC%PI' IP-@@L'.A-' I' H@-DI&%' HA%M&L@-ID&A%'DA' I..A-L' DG@' @%@3J' DG@' 3@I%M' A.'DIO&%P DG@' $@%@D&I%' HI3N' KJ' MC-N-&M@' I%L' 'A'@-NAF@-&%P'KJ' I' MCLL@%' IDDIHO' DG@' I-3J' A.' DG@' -@? NCKB&H' *%' HA%M@SC@%H@' A.' DG&M' MDI-DB&%P' L&MHBAMC-@' DG@' 3I%' &%' SC@MD&A%' FIM' I--@MD@L' I%L' &%D@--APID@L' %L@-' DA-DC-@' G@' 3IL@' I'.CBB HA%.@MM&A%' A.'G&M' PC&BD' %L'K@&%P' .A-DGF&DG' L&MHGI-P@L' IB&'@' .-A&%' I' 3I%PA%@B' &%DA' DG@' GAMD&B@' HI3N' KJ' A-L@-' A.' A-AM&%&' DG@' 3I%PB@L' I%L' SC&'@-&%P' -@3I&%M' A.' DG@' D-I&DA-' HI3@' IB3AMD' &%' DG@' 3&LMD' A.'DG@' KC-&IB' H@-@3A%&@M'DA' I%%AC%H@' DA' DG@' OID-&? I-HG' ;IJ3A%L'I%L' DG@' #AC%D' A.' 1A-&H&I'DG@' .ID@' A.'DG@&-' IHHA3NB&H@' I%L' DG@' .-CMD-ID&A%' A.' DG@&-' MHG@3@ ' *D' FIM' C%L@-' DG@M@' H&-HC3MDI%H@M'DGID' GAMD&B&D&@M' -@HA33@%H@L' A%' DG@' 3A-%&%P' MCHH@@L&%P' DG@' @TN&-ID&A%' A.'DG@' D-CH@

*&'3IJ' K@' M@@%' DGID' LAF%' DA' DG@' N-@M@%D' NA&%D' DG@' I-3M' A.'$@%&H@' I%L' I&%D' I-O' GIL' K@@%' IB3AMD' C%&? .A-3BJ' D-&C3NGI%D' I%L' DGID' &%' DG@' N@DDJ' J@D' MGI-N' IHD&A%M' FG&HG' F@' GI'@' -@HA-L@L' IM' DIO&%P' NBIH@' &%' DG@' $@%@D&I%' D-@%HG@M' A-' &%' DG@&-' '&H&%&DJ' DG@' &MBI%L@-M' GIL

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C ' ' 9 ' '* ' ' 'g f

%AD A%BJ HA%D-&'@L DA GABL DG@&- P-AC%L IPI&%MD MCN@-&A- %CG&K@-M KCD GIL &%' A%@ &%DI%H@ ID B@IMD L-&'@%' DG@ @%@3J .-A3 DG@ .&@BL F&DG %AD &%HA%M&L@-IKB@ BAMM CD I..I&-M %AF K@PI%' DA F@I- I B@MM .I'AC-IKB@ IMN@HDR "A-DC%@ H@IM@L DA M3&B@ A% DG@ @..A-DM A.' DG@ -@NCKB&HR I%L &D $IM %AD BA%P K@.A-@ A-AM&%& .AC%L DGID G@ FIM C%IKB@ DA 3I&%DI&%' DG@ IL'I%DIP@ FG&HG G@GIL IHSC&-@L &%' I%' @I-B&@- MDIP@ A.' DG@ AN@-ID&A%M

GID DG@ FI%D A.' DGID HA%D&%C@L MCHH@MM FG&HG DG@ ACDBIJU I%L MIH-&.&H@M IDD@%LI%D A% DG@ <IB3ID&I%' FI-' 3&PGD GI'@.I&-BJ B@L DG@ $@%@D&I%' NCKB&H DA @TN@HD FIM N-&%H&NIBBJ LC@ DA DG@ @--A-M I%L MGA-DHA3&%PM A.' DGAM@'DA FGA3 DG@ GA%AC- I%L MI.@DJ A.' DG@ DID@ FIM @%D-CMD@L INN@I-M DA K@ IB3AMD K@JA%L SC@MD&A%' "A-' &%MD@IL A.' HA%H@%D-ID&%P G&M FGAB@ .A-H@ A% -&@MD@' I%L INNBJ&%P G&M CD3AMD @%L@I'AC-M DA DG@ -@LCHD&A%' A.' DGID MD-A%P? GABL DG@ HA-I3I%L@- &% HG&@.' GIL HGAM@%' DA F@IO@%' G&M NAM&D&A%' KJ @TD@%L&%P G&M B&%@ A.' AN@-ID&A%M I%L L@DIHG? &%P NA-D&A%M A.' G&M I-3J A% HABBID@-IB @TN@L&D&A%M'DA *MABI O&-I%A I%L ADG@- NBIH@M IBA%P DG@ HAIMDR I%L A-AM&%& UIM %AD MBAF DA @TN@-&@%H@ IBB DG@ @'&B HA%M@SC@ &H@M FG&HG A-L&%I-&BJ N-AH@@L .-A3 I%' &BB QCLP@L I%L &BB D&3@L L&'&M&A%' A.' MD-@%PDG

G@ IBB&@M A% DG@ HA%D-I-J GIL %AD H@IM@L DA -@H-C&D DG@&- -I%OM .-A3 "-&CB& I%L ADG@- SCI-D@-MR &% IJ%I-L <CO@ A.' #I-&%DG&IR DG@J GIL .AC%L I %@F I%L 'IBCIKB@ IBBJR I%L MA MAA% IM DG@ I-3&MD&H@ @TN&-@L +DG@J -@DC-%@L DA DG@ HA%D@MD F&DG C%L&3&%&MG@L @%@-PJ I%L -@MABCD&A%

%L@- DG@M@ H&-HC3MDI%H@M DG@ -@MCBD 3&PGD K@ I%D&? H&NID@L G@ HI3NI&P%' FIM 3I-O@L &%L@@L KJ DG@

IHSC&M&D&A% A. O&-I%A I%L *MABI KJ DG@ -@NCKB&HR KCD
A-AM&%& L@MNI&-&%P A.-@PI&%&%P DG@ NAM&D&A% FG&HG G@
GIL BAMD I%L FI-%@L KJ DG@ INN-AIHG A.F&%D@- IKI%LA%@L
DG@ GAN@ A.DIO&%P -&@MD@ FG&HG KIL A%H@ M@@3@L IB3AMD
F&DG&% G&M P-IMN -@ @3KI-O@L G&M D-AANM ID A%@ A. DG@
*MD-&I% NA-DM I%L -@DC-%@L &%PBA-&ACMBJ DA $@%&H@

G@ HA%LCHD A. I-&%A A-AM&%& FIM '&@F@L KJ G&M
PA'@-%3@%D F&DG DG@ MD-A%P@MD .@@B&%PM A. L&MMID&M.IHD&A%R
I%L I H-&3&%IB N-AH@MM FIM ID A%H@ &%MD&DCD@L IPI&%MD DGID
A..&H@- KJ DG@ L'AHID@M A.DG@ #A33C%@Z 'APILA-& L@B
#A33C%@[A- NCKB&H N-AM@HCDA-M .A- P-AMM I%L HCBNIKB@
%@PB@HD A. LCDJ GID FIM DG@ N-@H&M@ %IDC-@ A. DG@
HGI-P@M FG&HG F@-@ N-@.@--@L IPI&%MD DG@ IHHCM@L A- A.
DG@ @'&L@%H@ FG&HG FIM K-ACPGD DA K@I- A% G&M HIM@ A-
BIMDBJ A% FGID B&%@ A. I-PC3@%D DG@ 'APILA-& N-A?
H@@L@L F+@ I-@ %AD @%IKB@L DA MDID@ BB DGID M@@3M
H@-DI&% &M DGID G@ FIM N-A%AC%H@L PC&BDJ A. DG@ P-I'@
A..@%H@ FG&HG GIL K@@% &3NCD@L DA G&3 I%L DGID G@
FIM M@%D@%H@L KJ DG@ HAC-D K@.A-@ FG&HG G@ GIL K@@%
H&D@L DA C%L@-PA I N-AD-IHD@L D@-3 A. &3N-&MA%3@%D +
CD %@ 3A-@ 3@-H&.CB DGI% G&M QCLP@M MAA% HI3@ DA
-@B&@'@ DG@ &BB .ID@L A-AM&%& .-A3 G&M D-&IBM I%L MC..@-?
&%PM *D FIM %AD BA%P K@.A-@ DG@ N-&MA% &% FG&HG DG@
BID@ HA33I%L@- &% HG&@. A. DG@ I-3J A. <IB3ID&I GIL
K@@% HA%.&%@L FIM DC-%@L &%DA DG@ HGI3K@- A. DG@ L@IL

G@-@ &M %A MCPP@MD&A% DGID I-&%A A-AM&%& HI3@ DA
G&M @%L ADG@-F&M@ DGI% .I&-BJR DGID DG@ '&DIB MNI-O FIM
N-@3IDC-@BJ @TD&%PC&MG@L KJ NA&MA% A- MD-I%PCBID&A% &M
=2 * *' /D: Q 3 $*' /D

%AD @'@% FG&MN@-@L R %A- FACBL &D K@ @IMJ DA L&MHA'@- DG@ 3AD&'@ .A- MCHG I% IHD A.'&AB@%H@ @D FG@-@ &% -@IL? &%P DG@ +%%IBM A. I %ID&A% F@ .&%L MA 3I%J LI-O I%L 3JMD@-&ACM MDA-&@M GI%L@L LAF% DA NAMD@-&DJ MA 3I%J NIP@M F-&DD@% &% HGI-IHD@-M A. KBAAL MA 3I%J GIB. DABL DIB@M A. GA--A- +A. FG&HG DG@ ACDB&%@M GI'@ K@@% .&BB@L &% KJ B&DDB@ 3A-@ DGI% HA%Q@HDC-@ I%L B&@I&UMIJ FGID HI% F@ %AD MC-3&M@ FGID 3IJ F@ %AD MCMN@HD^

@I%FG&B@ GAF@'@- DG@ -&@MD&%@M @3KABL@%@L KJ FGID ID B@IMD INN@I-@L DA K@ DG@ NCM&BBI%&3ACM HA%LCHD A. DG@ $@%@D&I% D-AANM I%L DG@&- HA33I%L@- I%L .-@@L .-A3 IBB &33@L&ID@ INN-@G@%M&A%M A. DG@DG-@ID@%@L M&@P@ GIL K@PC% DA MN@HCBID@ A% DG@ N-AN-&@DJ A. NBIJ&%P I 3A-@ N-A3&%@%D NI-D &% DG@ FI- DGI% DG@J GIL G@-@DA? .A-@ LA%@R I%L DG@J GIL CBD&3ID@BJ L@D@-3&%@L DA @..@HD DG@ DFA.ABL AKQ@HD A. 3IO&%P -@N-&MIB A% DG@ -@NCKB&H I%L N-A3AD&%P DG@ &%D@-@MDM A. DG@ IBB&I%H@ KJ GIVI-L&%P I% &%HCU M&A% &%DA DG@ <APILA "A- DG&M NC-NAM@ I M3IBB N-&'ID@@-&%P @TN@L&D&A% FIM .&DD@L ACD FG&HG IL'I%H@L C%ANNAM@L I%L &%L@@L IM &D MGACBL M@@3 C%AKM@-'@L IM .I- IM #IA-BA GID &MBI%L I%L H&DJ K@HI3@ I% @IMJ N-@J DA DG@ LI-&%P &%'IL@-M DG@ &%GIK&DI%DM K@&%P MA HA3? NB@D@BJ DIO@% KJ MC-N-&M@ DGID DG@J F@-@ C%IKB@ DA A..@- I%J @..@HDCIB -@M&MDI%H@ G@ N&-ID@M HA33&DD@L L-@IL? .CB L@'IMDID&A%M I%L FG@-@'@- DG@J F@%D F@-@ PC&BDJ A. DG@ FA-MD @TH@MM@M G@ GACM@ A. DG@ OAL@MDI A. #IA-BA I-&%A @B'A IM F@BB IM I BI-P@ %C3K@- A. ADG@- KC&BL? &%PM FIM KC&U%D DA DG@ P-AC%L @B'A I%L I% A%BJ LICPGD@- FGA -@M&L@L F&DG G&3 .@BB &%DA DG@ GI%LM A.

** '

8)8 7 E /)

DG@ @%@3J I%L F@-@ 3IL@ N-&MA%@-M + "-A3 #IA-BA DG@
-&@MD&%@M N@%@D-ID@L F&DGACD 3AB@MDID&A%DA IBI3AHHA
FG&HG CGLW-F@%D I M&3&BI-.ID@R I%L DG@%H@F@ -@BCH?
DI%DBJ -@BID@ DGID DG@J MCHH@@L@L &% @..@HD&%P I M@HC-@
-@D-@ID DA DG@&- AF% MGA-@M

*D FACBL K@L&..&HCBD N@-GINM DA P&'@&+3 @TIPP@-ID@L
&L@I A. DG@ &%L&P%ID&A% FG&HG FIM .@BD KJ DG@ NCKB&H
FG@% DG@ %@FM -@IHG@L $@%&H@ A. DG@M@ MGAHO&%P I%L
L@NBA-IKB@ AHHC--@%H@M ID IBI3AHHA I%L #IA-BA GID
DG@ LAP@ I%L G&M IL'&M@-M MGACBL GI'@ L&MNBIJ@L MCHG
INIDGJ I%L &%L&..@-@%H@ DA DG@ K@MD &%D@-@MDM A. DG@ HA3?
3C%@ C%L@- DG@ H&-HC3MDI%H@M FG&HG F@-@ %AF 3IL@
O%AF% M@@3@L DA K@ KI-@BJ H-@L&KB@R I%L DG@ .@-3@%D
&% DG@ NANCBI- 3&%L P-@IDBJ &%H-@IM@L FG@% &D FIM -@?
NA-D@L DGID DG@ PA'@-%3@%D MA .I-.-A3 GIMD@%&%P DA
L@3I%L .CBB I%L &33@L&ID@ MID&M.IHD&A% .A- DG@ -@H@%D
ACD-IP@M FIM L@KID&%P DG@ @TN@L&@%HJ A. 3I&%DI&%&%P I
NIMM&'@ IDD&DCL@ I%L A. HA%D@%D&%P &DM@B. F&DG NIDHG&%P
CN I N@IH@ F&DG DG@ @%@3J CHG I GC3&B&ID&A% FIM
MC-@BJ %AD DA K@ KA-%@ G@ .ACB MDI&% FG&HG GIL K@@%
HIMD H% DG@ %ID&A%IB GA%AC- HACBL A%BJ K@ FIMG@L ACD
&% KBAAL A HA3N-A3&M@ HACBL K@ IHH@ND@L A
MD-A%P I%L MA P@%@-IBBJ L&..CM@L &% .IHD FIM DG@ .@@B&%P
&% .I'AC- A. I% INN@IB DA I-3M DGID 1&A'I%%& <b%LABA
DGACPGD &D N-CL@%D DA IKI%LA% I%J MHG@3@ FG&HG G@
3&PGD GI'@ .A-3@L .A- DG@ N@IH@.CB MABCD&A% A. DG@ L&.?
.&HCBDJ I%L DA NB@LP@ G&3M@B. I%L G&M PA'@-%3@%D DA DG@
ILAND&A% A. '&PA-ACM 3@IMC-@M IPI&%MD DG@ -&@MD&%@M
G@-@ &M -AA3 DA MCMN@HD DGID DG@ @MHIN@ FG&HG $@%&H@

Q 9 7,*//:

3A-IB' @..@HD' N-ALCH@L' KJ' DG@' .IBB' A.' -&@MD@' FIM' MD-&O&%PBJ' NAF@-.CB' BB' DG@' ADG@-' NAMM@MM&A%M' A.' DG@' &P%A-J' &%' *MD-&I ' FG&HG' GIL' QA&%@L' DG@' &%MC--@HD&A%I-J' 3A'@3@%D ' J&@BL@L ' A%' DG@' -@H@&ND' A.' DG@' &%D@BB&P@%H@ ' F&DGACD' I' MD-CPPB@ ' O&-I%A' GIL' IB-@ILJ' Z ,DG' 5I%CI-J[' D@%L@-@L' G@-' MCK3&MM&A% ' G@M@' -IN&L' I%L' K-&BB&I%D' MCHH@MM@M ' GAF@'@-' L&L' %AD' INN@I-' DA' H-@ID@' &%' DG@' K-@IMD' A.' DG@' BB&@M ' I%J' B@I%&%P' DAFI-L' I' -@HA%H&B&ID&A%' F&DG' DG@' $@%@D&I%MR I%L' DG@' FI-' MD&BB' HA%D&%C@L' DA' -IP@' .&@-H@BJ ' FG@%' H&-HC3MDI%H@M' I-AM@' @SCIBBJ' &%L@N@%L@%D' A.' DG@' -@NCKB&H' I%L' G@-' IL'@-MI-&@M ' FG&HG' GIL' DG@' C%@TN@HD@L' @..@HD' A.' K-&%P&%P' GAMD&B&D&@M' DA' I' HBAM@

*D' FIM' BA%P' M&%H@' DG@' @3N&-@' A.' #G-&MD@%LA3' &%' DG@' !IMD' GIL' K@PC%' DA' @TG&K&D' C%3&MDIO@IKB@' MJ3NDA3M' A.' L@HB&%@ ' I%L' DA' MG@F ' DGID' &D' KA-@' F&DG&%' &D' DG@' M@@LM' A.' @I-BJ' L@HIJ ' *%' DG@' HAC-M@' A.' DG@' DF@B.DG' I%L' DG&-D@@%DG' H@%DC-&@M ' DG@' MCHH@MM&'@' '&HDA-&@M' A.' DG@' !3&-M' PBIM&' I%L' IBIH ' I%L' DG@' MNB@%L&L' D-&C3NGM' A.' DG@' NBDI%' A.' !PJND ' IBHO IB IM@- ' GIL' P-ILCIBBJ' MGIO@%' DA' &DM' KIM@' DG@' F@IO' I%L' &BB A-PI%&V@L' .IK-&H ' FG&HG' FIM' .AC%L@L' &%' OIB@MDU%@' KJ' 1AL.-@J' L@' AC&BBA%' I-&L' DG@' .&-MD' #-CMIL@-M ' G@' D@--&KBJ' L&MIMD-ACM' &MMC@' A.' DG@' N&BP-&3IP@' A.' I&%D' AC&M' DA' .-&HI' GIL' %IDC-IBBJ' B@L' DG@' !C-AN@I%' OAF@-M' DA' HA%H@&'@' I' MD-A%P' I%L' P-AF&%P' L&MDIMD@' .A-' C%L@-? DIO&%PM ' A.' FG&HG' DG@' IL'I%DIP@M' F@-@' MA' LACKD.CB ' I%L' DG@' @'&BM' F@-@' MA' 3I%&.@MD ' &DG' DGID' C%.A-DC%ID@' N-&%H@' GIL' @TN&-@L ' &D' 3&PGD' K@' MI&L ' DG@' BIMD' MNI-O' A.' P@%C&%@' @%DGCM&IM3' .A-' DG@' N-AD@HD&A%' A-' -@HA'@-J' A.' DG@' :ABJ' OBIH@M ' %L' &D' 3&PGD' K@' MI.@BJ' N-@L&HD@L ' DGID' DG@' GAC-' FIM' %AD' .I-' L&MDI%D ' FG@%' DG@' .BI3@' FG&HG' FIM

8"' = <> [0"2 A1V A3 B"$ @>/

KC-%&%P MA BAF 3CMD K@ .&%IBBJ @TD&%PC&MG@L I%L FG@%
DG@ #G-&MD&I% NAMM@MM&A%M &%' DG@ : ABJ I%L 3CMD K@
&--@HA'@-IKBJ BAMD

@D DG@ HAC-D A. ; A3@ FIM C%F&BB&%P DA K@B&@'@ DGID
I HICM@ &%' FG&HG &D GIL IBFIJM .-A3 DG@ 3AMD &%D@-@MD@L
3AD&'@M DIO@%)& BI-P@ MGI-@ A. &%D@-@MD FIM IBDAP@DG@-
GAN@B@MM G@ NAMDAB&H @@ MD&BB HG@-&MG@L I HA%.&L@%H@
DGID MA3@DG&%P 3&PGD J@D K@ LK%@ DA &3N-A'@DG@ NAM&D&A%
A. I..I&-MR I%L &%' DIO&%P DG&M .I'AC-IKB@ '&@F A. DG@ NAB&?
D&HIB N-AMN@HDM A. #G-&MD&I% !C-AN@ &%' DG@ !IMD DG@-@ HI%
K@ %A LACKD DGID DG@ A'@-@&P%' OA%D&.. I%L DG@ IH-@L
#ABB@P@ F@-@ BI-P@BJ &%.BC@%H@L KJ DG@ F@BB P-AC%L@L @T?
N@HDID&A% DGID ADG@-' OAF@-M FACBL K@ .AC%L N-@NI-@L DA
HA%D-&KCD@ DA DG@ IDDI&%3@%D A. DG@ AKQ@HD FG&HG DG@J
DG@3M@B'@M GIL MA 3CHG ID G@I-D G@ HAC-DM A. "-I%H@
I%L &H&BJ F@-@N-A.CM@ &%L@@L &%' DG@&-@TN-@MM&A%M A. V@IB
I%L L@'AD&A%R DG@ BIDD@- DG@ NC-&DJ I%L L&M&%D@-@MD@L%@MM
A. FGA)^ 3AD&'@M 3&PGD K@ .I&-BJ NMN@HD@L @'@% MNAO@
IM I N-@B&3&%I-J 3@IMC-@ A. DG@ %@H@MM&DJ A. L@'&M&P
MA3@ MHG@3@ .A- -@MDA-&%P DG@ @3N&-@ A. DG@ ID&%M I%L
L@NAM&%P DG@ GACM@ A. OABM@ABAPCM CD FGID FIM+%CHG
3A-@ DG@ -@NCKB&H A. $@%&H@ FG&B@ MG@N-CL@%DBJ -@.-I&%@L
.-A3 DIO&%P I%J MD@NM FG&HG 3&PGD HA3N-A3&M@ G@- &'&DK
DG@ -@&P%&%P LJ%IMDJ A. #A%MDI%D&%ANB@ N-A..@-@L DG-ACPG
G@- -@M&L@%D I3KIMMILA-M ID ; A3@ I-HA @3KA I%L
&HABA _C&-&%& LI #I IPP&A-@ G@- NAF@-.CB IMM&MDI%H@
DAFI-L DG@ A-PI%&VID&A% A. I %@F #-CMIL@ IPI&%MD DG@
IGA33@LI%' OAF@- G@N-ANAM&D&A% FG&HG @3KA I%L
G&M HABB@IPC@ F@-@ &%MD-CHD@L DA 3IO@ A% K@GIB. A. DG@&-
PA'@-%3@%D FIM M&3NBJ DG&M G@ -@NCKB&H C%L@-DAAO DA

I-3 I%L @SC&N ID DG@ HAMD A. G&M : AB&%@MM DF@%DJ PIBB@JM A. FI- I%L DA .C-%&MG ID G@- AF%- &MO I%L HGI-P@ .&'@ ADG@-M .A-3&%P DAP@DG@- I .B@@D A. .&'@ I%L DF@%DJ MI&B FG&HG 3&PGD IHD &%' HA%H@-D F&DG I%J .A-H@M FG&HG 3&PGD K@ G@-@I.D@- -I&M@L A- HABB@HD@L KJ DG@ O&BP-&3M G@M@ D@-3M FG&HG F@-@ IM B&K@-IB IM HACBL K@ I%D&H&NID@L F@-@ IHH@ND@L KJ DG@ NAN@ F&DG I% IBIH-&DJ FG&HG G@ GI-LBJ HI-@L DA L&MPC&M@R DG@ D-@IDJ K@DF@@%' DG@ -@NCKB&H I%L DG@ : ABJ @@ FIM M&P%@L A%' DG@ DG A. <@H@3K@- 8 R I%L DG@ &MGAN A. -&NAB& GI'&%P K@@%' INNA&%D@L NINIB B@PID@ DG ID N-@BID@ ID A%H@ N-AH@@L@L DA $@%&H@ &%' A-L@- DA QA&%' DG@ @TN@L&D&A% FG&HG 3&PGD K@ @TN@HD@L DA MDI-D .A- &DM L@MD&%ID&A%' &%' DG@ @I-BJ NI-D A. DG@ .ABBAF&%P MC3? 3@- *%' M@B@HD&%P I%' A..&H@- DA DIO@ DG@ HA33I%L A. DG@ MSCIL-A% DG@ HGA&H@ A. DG@ $@%@D&I%' PA'@-%3@%D .@BB &D INN@I-M A%' 5IHANA &@NABA FGA3 F@ 3IJ MI.@BJ IMMC3@ DA GI'@ K@@%' DG@ MA%' A. DG@ <AP@ A-@%VA I%L DG@ P-I%LMA%' A. DGID &@NABA FGAM@ %I3@ AHHCN&@M MA G&PG I NBIH@ &%' DG@ -ABB A. $@%@D&I%' B@P&MBIDA-M IM DG@ -@.A-3@- A. DG@ ICD&HIB #IN&DCBI-J I%L A. DG@ "&'@ AAOM A. DG@ DIDCD@

CD N-&A- DA DG@ HA33@%H@3@%D A. DG@ %@F C%L@-? DIO&%P DG@ : ABJ @@ FIM %IDC-IBBJ 3AMD I%T&ACM DA D@-? 3&%ID@ DG@ K&DD@- I%L C%M@@3BJ .@CL FG&HG GIL MA BA%P @T&MD@L K@DF@@%' $@%&H@ I%L SC&B@&I "A- DG&M NC-NAM@ DG@ NAN@ %AF D@%L@-@L G&M 3@L&ID&%P A..&H@M DA DG@ K@BB&? P@-@%DM DG-ACPG G&M %C%H&A DG@ &MGAN A. #A%HA-L&I G@ -@MCBD A. DG@ K&MGANUM 3&MM&A%' I%MF@-@L DG@ K@MD @TN@HDID&A%M A. G&M 3IMD@- %' DG@ NI-D A. DG@ PA'@-%? 3@%D A. 1&A'I%%& <ICLABA &D FIM MDID@L DGID %A AKQ@H

D&A%' HACBL' @T&MD' DA' I' NIH&.&HID&A%' A%' H@-DI&%' MN@H&.&@L'
HA%L&D&A%MF I%L'DG@' OID-&I-HG' ; IJ3A%L'L@M@-D@L'KJ'G&M'
IBB&@M'.ID&PC@L'KJ'DG@'BA%P'HA%D&%CI%H@'A.'GAMD&B&D&@M'I%L'
L&MHAC-IP@L'KJ'DG@'.IBB'A.' -&@MD@'I%L'DG@'ADG@-'MCHH@MM@M'
-@H@%DBJ'AKDI&%@L'KJ'DG@'$@%@D&I%M'&%'*MD-&I'FIM'IBMA'%AD'
L&M&%HB&%@L'DA'@ID@-'&%DA'%@PAD&ID&A%M' HHA-L&%PBJ'A%'
DG@'8DG'A.' I-HG' 8 'I'D-&NB@'HA%'@%D&A%'FIM'M&P%@L'
KJ'DG@' -@N-@M@%DID&'@M'A.'DG@' ;@NCKB&H'A.'$@%&H@'A%'DG@'
A%@'M&L@'I%L'DG@' -@N-@M@%DID&'@M'A.' ;IJ3A%L'OID-&I-HG'
A.' SC&B@&I' BK@-D' #AC%D'A.' 1A-&H&I' I%L'DG@' #A3?
3C%@'A.' -&@MD@'A%'DG@'ADG@-+'KJ'FG&HG'DG@'DG-@@'BIMD'
%I3@L'OAF@-M'NB@LP@L'DG@3M@B'@M'DAFI-L'DG@' 3@3K@-M'
A.'DG@' O-&'J' #AC%H&B'A.'DG@' <AP@' 1&A'I%%&' <I%LABA'
DA' -@MDA-@' IBB'DG@' NAMM@MM&A%M'A.'DG@' -@NCKB&H'A.'FG&HG'
DG@J'GIL' @%D@-@L'&%DA'AHHCNID&A%'I%L'DA'3IO@' -@MD&DC?
D&A%'A.'IBB'N-AN@-DJ'K@BA%P&%P'DA'$@%@D&I%'MCKQ@HDM'C%L@-'
FGID@'@-'.A-3'DIO@%'FG@-@'@-'MCHG'N-AN@-DJ'3&PGD'K@'
-@HA'@-IBQB@'A-'DA'P&'@'.CBB'HA3N@%MID&A%'.A-'I%J'AKQ@HDM'
FG&HG'F@-@'%AD'.A-DGHA3&%PF I%L'DA'DG-AF'AN@%'DG@&-'
NA-DM'DA'$@%@D&I%'HA33@-H@' A-@A'@-';IJ3A%L'LIBBI'
A--@'@%PIP@L'DA'HA%.&-3'I%L' -@%@F'DG@'3@-HI%D&B@'
HGI-D@-'HA%HBCL@L'K@DF@@%'DG@'NID-&I-HGM'G&M'N-@L@H@M?
MA-M'I%L'DG@'<AP@M' ;@%&@-A'>@%A'I%L' A-@%VA' &@NABA'
%'DG@&-'NI-D'DG@' -&@MD&%@M'M@NI-ID@BJ'KAC%L'DG@3?
M@B'@M'DG-ACPG'DG@&-' J%L&HM'I%L'O-AHC-IDA-M'DA'DG@'
N-A3ND' L&MHGI-P@'A.'IBB'I--@I-M'A.'D-&KCD@'F I%L'&%'DG@'
M@HA%L'NBIH@'DA'M@%L'DA'$@%&H@'I'L@NCDID&A%'%AD'@TH@@L?
&%P' .AC- I%L DF@%DJ' N@-MA%M'DA' K@' %A3&%ID@L'KJ'DG@'
LAP@'FGA' 3&PGD'DIO@'DG@'AIDG'A.'IBB@P&I%H@'DA'DG@'-H'

NCKB&H I%L K@ L@DI&%@L LC-&%P DG@ NB@IMC-@ A. <I%LABA I%L G&M O-&'J #AC%H&B "I-DG@-3A-@ DG@J HA%M@%D@L DA L@3AB&MG DG@ .A-D&.&HI&&A%M FG&HG DG@J GIL HA%MD-CHD@L ID DG@ AN@%&%P A. DG@ FI-R DA L@B&'@- CN DG@ N-AQ@HD&B@ 3IHG&%@M I%L ADG@- 3A'@IKB@ I-D&BB@-J FG&HG DG@J GIL @3NBAJ@L IPI&%MD DG@ &P%A-J LC-&%P DGN M&@P@ A. DG@&- DAF% F&DG I '&@F DA DG@ MI3@ K@&%P NCKB&HBJ KC-%D A%& DG@ SCI-@ A. I&%D I-O A- ADG@-F&M@ INNB&@L IM DG@ PA'@-%3@%D 3&PGD GQ%O N-AN@-R DA A..@- I3NB@ &%L@3? %&.&HID&A%& .A- DG@ BAMM@M I%L LI3IP@M MCMDI&%@L KJ DG@ $@%@D&I%M &% DG@ HAC-M@ A. AN@-ID&N%MR I%L BIMDBJ DX^Z -@MDA-@ DA B&K@-DJ I%J $@%@D&I% N-&MA%@-M FGA 3&@GD K@ &% DG@3 GI-&LMR

G@ G&PGBJ .I'AC-IKB@ DN-3M FG&HG F@-@DGCM AKDI&%@L KJ 1&A'I%%& <I%LABA I%L G&M HAC%D-J -I&PG. M@-'@ DA &%+Q L&HID@ &% FG&HG SCI-D@- DG@ -@IB MD-@%PDG BIJ I%L J'G&HG A. DG@ K@BQ&P@-@%DM GIL DG@ MD-CPPB@ K@@%& N-ABA%P@L Q FACBL GI'N GN@% DGS .&-MD DA J&@BL D DG@ MI%Q@ D&3@ IM &D &M GI-LBJ %@H@MMI-J DA AKM@-J@ MCHH@MM &% DG@ HIK&%@DU LA@M %AD &%'I-&IKBJ L@N@%L A% MCHH@MM &% DG@ .&@BL . DG&M .IHD %A K@DD@- N-AA. A- &BBCMD-ID&A% HACBLR N@-GINM & K@ L@M&-@L DGI% FIM DA K@ .AC%L &% DG@ G&MDA-J A. DG@ -@NCKB&H G@-M@B. G@ $@&&@D&I% I%%IBM 3IJ IB3AMD K@ MI&L DA IKAC%L F&DG &%MDI%H@M &% FG&HG DG@ HA%MC33ID@ DIHD I%L L@TD@-&DJ A. DG@ &P%A-J F@%D .I- DA -@D-&@'@ I M@-&@M A. G@I'J -@'@-M@MR I%L &D %AD C%HA33A%BJ GIN? N@%@L DGID MG@ PI&%@L 3A-@ &% I .&'@ F@@OMU %@PAD&ID&A% DGI% NG@ GIL BAMD &% I .&'@ J@I-MU HI3NI&P%

G@ D-@IDJ A. DG@ 8DG A. I-HG A. FG&HG DG@ .A-@PA&%P I%IBJM&M F&BB N-AKIKBJ @%IKB@ DG@ -@IL@- DA .A-3 I .I&-

@MD&3ID@ L&L %AD L&MNAM@ GAF@'@- A. IBB DG@ L&..&@CBD&@M FG&HG MDAAL &%' DG@ FIJ A. I NIH&.&HID&A%R DG@-@ F@-@ I .@F ADG@- NA&%DM A. MA3@&3NA-DI%H@ FG&HG MD&BB -@3I&%@L DA K@ ILQCMD@L A- HI%' F@ IMMC3@ DG@ A3&MM&A%' A. DGAM@ NA&%DM .-A3 DG@ D-@IDJ &%' SC@MD&A%' DA GI'@ K@@%' ADG@-F&M@ DGI%' &%D@%D&A%IB G@ .IHD FIM DGID &D GIL K@@%' DGACPGD 3A-@ L@M&-IKB@ KJ DG@ HA%D-IHD&%P NI-D&@M DA -@.@- DG@3 DA I 3&T@L HA33&DD@@ A. I-K&D-ID&A% + I%L DA L-IF CN I M@NI-ID@ &%MD-C3@%D &%' FG&HG DG@&- MCK? MDI%H@ 3&PGD K@ @3KAL&@L IM MAA%' IM I MID&M.IHDA-J MABC? D&A%' MGACBL GI'@ K@@%' AKDI&%@L G@ I-K&D-IDA-M FGA F@-@ HGAM@%' KJ $@%&H@ I%L SC&B@&I FG@-@ .AC-&%' %C%I v G@- G@ %A3&%@@M A. DG@ LAP@ F@-@ &HABA "IB&@-N I%L %L-@I AB&%& DG@ NID-&I&HG FIM -@N-@M@%D@L KJ DG@ &MGAN A. -&@MD@ I%L DG@ #I%A%' OIPIPCAPA e

CD FG&B@ DG@ SC&B@&I%' L&..&HCBDJ FIM 3IO&%P MCHG .I&- N-AP-@MM DAFI-L I%' I3&HIKB@ M@DDB@3@%D ADG@- HICM@M GIL I-&M@%' DA @BIJ DG@ L@NI-DC-@ A. DG@ &MGAN A. *-&NAB& I%L G&M HA3NI%&A%M .-A3 $@%&H@ I%L DA &%D@--CND DG@ .CB.&B? 3@%D A. DG@ HA%D-IHD @T&MD&%P K@DF@@%' DG@ -@NCKB&H A%' DG@ A%@ M&L@ I%L DG@ :ABJ @@ I%L DG@ a&%P A. INB@M A%' DG@ ADG@- *%' A-L@- DGID DG@M@ HICM@M 3IJ K@ .CBBJ I%L N-AN@-BJ C%L@-MDAAL &D F&BB K@ %@H@MMI-J .A- CM DA -@D-IH@ AC- MD@NM .A- I FG&B@ I%L DA PBI%H@ ID DG@ @'@%DM FG&HG GIL K@@%' NIMM&%P &%' !C-AN@ M&%H@ DG@ IHH@MM&A%' A. OG&B&N DG@ ABL DA DG@ DG-A%@ A. I&%D AC&M I%L DG@ CMC-NID&A%' A. DG@ H-AF%' A. DG@ FA &H&B&@M K'G&M K-ADG@- #GI-B@M #AC%D A. %QAC

J G@- C%&A%' F&DG O@D@- A. --IPA% #A%MDI%H@ A.

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CIK&I&‘DG@‘BIMD‘G@&-@MM‘A.‘DG@+‘GACMW‘A.‘:AG@%MDIC.@%‘D-I%M.@--@L‘IBB‘DG@‘HBI&3M‘FG&HG‘MG@‘NAMM@MM@LDA‘DG@‘MA'@-@&QPGDJ‘A.‘INB@M‘I%L‘DGh‘FA‘&H&B&@M&DA+‘DG@‘NI%&MG‘H-AF%&+‘G@‘N-@D@%M&A%M‘A.‘DG@‘:AG@%MDIC.@%‘GAF@'@-‘F@-@‘KJ‘%A‘3@I%M‘&&%ANNA @L‘*%‘DG@‘K-ADG@-‘A.‘OG&B&N‘DG@‘ABL‘FGA‘A%‘G&M‘NI-D‘@3K-IH@L‘F&DG‘&%D@BB&P&KB@‘@IP@-?%@MM‘DG@‘N-AMN@HD‘A.‘@TD@%L&%P‘DGh‘"-@%HG‘LA3&%&A%M‘Kh‘JA%L‘DG@‘BNM O@D@-‘I%L‘G&M‘HA%MA-D‘.AC%L‘I‘.A-3&LIKB@‘-&'IB&‘I%L‘DG@‘:ABJ‘@@‘%IDC-IBBJ‘I%T&ACM‘DA‘M@&V@‘DG@‘N-@M@%D‘IL3&-IKB@‘ANNA-DC%&DJ‘A.‘P@DD&%P‘-&L‘A.‘I‘.I %&BQ-‘FG&HG‘&%‘DGh‘+N@-MA%M‘A.‘DG@‘W-MD+I%L‘M@HA%L‘"-@L@-&L‘GIL‘-@%L@-@L‘&DM@B.‘MA‘N@HCB&I-BJ%K%A7& CM‘D‘DG@‘#GC-HB&‘@MNACM@L‘F&DG‘&%D@-@MD@L‘FI-3DG‘DG@‘N-@D@%M&A%M A.‘DG@‘#AC%D‘A.‘%QAC‘%L@-‘M&&HG‘.I'AC-IKB@‘ICMN&H@M‘DG@‘BIDD@&‘-@IL&BJ‘tHH@@L@L‘&%‘AKDI&%&%P‘I‘.&%%‘.AAD&%P‘&%‘&H&BJ‘‘I%L‘DGID‘&MBI%L‘L&L‘GAD‘BA%P‘-@3I&%I‘MD-I%P@-‘DA‘DG@‘GA--A-M‘A.‘I‘PA'@-%3@GDd .‘FG&HGX‘DG@&‘DFA‘HAC-‘MD&DC@%D‘@Bh-GWGDM‘@-h‘I‘B&H@%D&ACM‘&.A.W&PN] MABL&@-J‘G%L‘I%CG.@@B3P‘.L-@&P&B LRJ-I%DR‘+G@‘I3K&D&A%‘Q A.‘Z#GI-B@M‘FIb‘&%‘D-CDGQ‘A.‘DGh‘&GAMD‘M@B.&M HIMD‘Q‘&G&M&oF%‘IPP.b.D-‘L&M@3@&&D‘FbM GW‘A%BQ-‘AKQ@HD$ FG&HG‘G@Q‘IBBAF@L DA K@‘INNI-@%D &% G& Hp%LtHD‘I%L NAB&HJ‘I%L‘G&M& @TIHD&A%M‘GGL‘H-C@BD&@M‘MAKG‘@MD-I%P@L‘.- %‘G&3]‘DGWS‘b. @HD&A%M‘A.‘I‘N@ANB@‘FGA3‘I‘F&M@‘3CL‘3AL@-ID@‘-CB@‘3&PGD‘GIJ@‘-@HA%H&B@L‘&%‘HACD A .‘D&3@‘DA‘DG@&-‘%@F‘3IMD@-]‘G@‘&H&B&I%+‘K@HI3@‘M@%M&KB@‘DGID‘&%‘@THGI%P&%P‘I‘1@-3I%‘.A-‘I‘"-@%HG‘JAO@‘DG@‘BAMM‘FIM‘&33@IMC-IKBJ‘P-@ID@-‘DGI%‘DG@‘PI&%‘2 ł C

3A%P‘DGAM@‘FGA‘F@-@‘B@IMD‘L&MNAM@L‘DA‘DAB@-ID@‘DG@‘

@TH@MM@M A. DG@ "-@%HG LA3&%ID&A% I%L FGA F@-@ 3AMD O@@%BJ M@%M&KB@ A. DG@ P-I'@ -@.B@HD&A% FG&HG &D HIMD A% DG@ %ID&A%IB GA%AC- &%L@N@%L@%DBJ A. DG@ N-IHD&HIB @'&BM F&DG FG&HG &D FIM .-ICPGD FIM 1&AJI%%& I-A% L@ O-S H&LI I IB@-%&DI% A. I%H&@%D .I3&BJ A. NANCBI- 3I%%@-M I%L HA%M@SC@%DBJ A. HA%M&L@-IKB@ &%.BC@%H@ &%' D + &MBI%L .D@- DG@ @MDIKB&MG3@%D A. DG@ "-@%HG NAF@- ID INB@M #GI-B@M A. %QAC GIL N-AH@@L@LRDA M@SC@MD-ID@ D &@ @MDID@M A. I'BI-P@ N-ANA-D&A% A. DG@ %ID&'@ I-&MDAH-IHJ IM I'3@I%M N. -@HA3N@%M&%P DG@ M@-'&H@M A. DG@ 3A-@ &Q&@-&DA-&ACM A. K&M .ABBAF @-M I%L A. -@%L@-&%P DG@ BI%L@L &%D@-@MD 3A-@ 2D-IHDIKB@ KJ DG@ &%D-ALCHD&A%+ A. I H@-DI&% %C3K@- A. "-@%HG HABA%&MDM G@ N-AN@-DJ A. O-AH&LI MGI-@L 'DG@ HAB%3A% BADR I%L DGID %AKB@3IS 'DGCM MD-&NN@L A. G&M NAMM@MM&A%M F&DGL-@F K-@IDG&%P '@%P@I%H@ IPI&%MD DG@ GACM@ A. %QAC DA DG&&HAC-D A. --IPA% FG@-@ DG@ O&%P I%L SC@@%-@H@&'@L G&3ÚF&DG @'@-J 3I-O A. MJ3NIDGJ I%L .-&@%LMG&N A&#A%MDI%H@+ I%L G@- -AJIB HA%MA-D DG@ &BBCMD-&ACM @T&B@ PI'@ I'BA%P I%L G&PGBJ HABAC-@L %I--ID&A% %. DG@ D-ACKB@M &%' &H&BJ :@ -@3&%L@L DG@ SC@@% DGID MG@ IM DG@ A%BJB@P&D&3ID@ G@&-@M+ A. DG@ GANM@ A. CIK&I I%L A. DG@ O&%PLA3 A. INB@MR DGID #A%-IL&% ID DG@ &%A3@%D A. L@IDG GIL @%QA&%@L G@-@&%' DG@ 3AMD MAB@3% 3I-&%@- 'DA M@HC-@ DG@ MCHH@MM&A% I%L+ I'@%P@ G&M F-A%PMR I%L DGID &D DG@-@.A-@ K@HI3@ I' LCDJ A%' G@-R NI-D IM F@BB 'I'-&PGD DA IHH@ND DG@ PA'@-%3@%D A. I'HAC%D-J FG&HG FIM'D-I%M3&DD@L DA G@- KJ DG@ BIF A. %ID&A%M I%L DG@ F&BB A. DG@ N@ANB@

O-AA&LI GAF@'@- L&L %AD IBBAF G&M @T@-D&A%M DA K@

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HA%.&%@L' DA' DG@' HAC-D' A.' O@D@-' A.' --IPA%' *%' / 'G@'
NIMM@L' A'@-' DA' &H&BJ' DA' IMH@-DI&%' DG@' MDID@' A.' DG@' &MBI%L'
I%L' DG@' D@3N@-' A. DG@' N@ANB@R' I%L' GI'&%P' MID&M.&@L G&M'
3&%L' A%' DG@M@' NA&%DM' G@' N-AH@@L@L'&%' DG@' HAC-M@' A.' DG@'
NI-I@' J@I-' DA' #A%MDI%D&%ANB@' F&DG' DG@' AKQ@HD' A.'&%D@-@MD?
&%P' DG@' 1-@@O' @3N@-A-' &HGI@B OIB&@ABAPJ&M'&%' DG@' HICMHQ'
FG&HG' FIM' IBMA' DG@' HICM@' A.' G&M' HAC%DJ' Q*%' DG&M'@%L@I?
'AC-' G@' FIM' .I-' .-A3' C%MCHH@MM.CB'QR' I%L'N%' I' M@HA%L'
'&M&D' FG&HG' G@' NI&L' DA'DG@' ! IMD@-%' HIN&DIB &%' 8*Q' G@'
@'@%' N-@'I&B@L' A%' DG@' JVI%D&%@R' HAC-D' DA'RIL'I%H@' G&&C'
.A-' NC-NAM@M'BJG&HG' +@' @TNBI&%@L' I%L' C%L@-' H@-DI&%'HA%?
L&D&A%M' DG@' @%A--IA&&M' MC-%' A.' AC%H@M' A.' PABL'
G&M' 3A%@J' A%' G&M' -@DC-%' DA' --IPA%' DGH5 I-A%' L@'
O-@H&LI' ID' A%H@' NBIH@L'&%' DG@' GI%LM' A.' DG@' O&%P' A%' DG@'
C%L@-MDI%L&%P' DGID' &DG@' BIDD@&' MGANBL' %A' BA%P@-' L@BIJ' DA'
3IO@' N-@NI-ID&ANM' .A-' N-AM@HCD&%P' +G@' HBI&3M' A.'G&M' HA%?
MA-D' DA' D+'H-AF%'N.'DG@ FAE&H&B&@ Q' *D' FIM'%AD L&..&HCBD'
DA' L&'&%@' D+ '3AD&'A' A+' QN.&I@(OIB. A5APCM*G&' B@%L&%P'
MCHG' V@IBNCM' NNLQ' MCKMDI%D&IB'ACNNN-D' DOQ1&N'I%%&' O-@H&LI'
I%L' G&M' NI%&+G QNID-A%MIR& + N5##&'DGHCNC.&B&HID&N%'QH.Q' DGh'
#-CMIL@' IPI&%MDR'D+@''Z*-N@OM' Q+@-@D&KIB LJ%IMQRJ-A.'
DG@' NIBINQABAP&' QFB+&HBI&Q QRGO[O NR@M@&&D 5&&%P' A.' INB@M&GIL'
INN@I-N ' IM' IHQHI.BQNP' &NI-DJR .&%L' mNDI& LHL'-DA KN' I'B@ILD'
&%P' PI&N@-' DGH'QBB Y@NBG&PQ' H%PH ; L^s+NLBK@DF@@%'&DB&@&DFN'
HAN-DM'GIL' KN@%' NN%MDINDBJ' I%L'DG@' J?
VI%D&%@' @3N@-A-' GNLQD&&@5BH@.A-DB&Q' -@PI-L@L'Q.G@' #A3&D' 5A.'
%QAC' IM' G&M' FA-MD' I%L' BCAMBQ' .N-A.&LIGB@' @%@N&J]' 5TACBL'
#GI-B@M' MCHH@@L'&% @MDIKB&MG&%P' G&N&M@B.'ID' (INB@M&I%L'&%'
-@HA%H&B&%P' DG@'& HINAB&DINM DA' Mu'IJ-Y^IB @ABAP:M' .@BD

,' :* ; ' p-' ' ' 8 +
2 '+
N@-MA%IB' I%L' HA%.&L@%D&IB' &%D@-'&@F' I--I%P@L' K@DF@@%
O-@H&LI' I%L'OAN@' &HGABIM' *** ' ID' DG@' HIMDB@' A.' C-&IB%A'
*D' I..A-L@L'MA3@' &%L&HID&A%' A.' DG@' &3NID&@%H@' G&HG'DG@'
&H&B&I%' NID-&AD' .@BD' DA' MC-3AC%D' DG&M' BIMD' NA&%D' A.'L&..&?
HCBDJ' DGID' G@' 3IL@' I'QAC-%@J'DA' ;A3@ '.A-' DG@' @TN-@MM'
NC-NAM@' A.' FI&D&%P' A%' DG@' NA%D&.. ' I%L)@TNBI&%&%P' G&M'
F&MG@M' OA-' DG@' MIO@' A.'P-@ID@-' M@HC-&DJ'G@'GIL' ILAND@L' '
DG@' HGI-IHD@-' I%L' PI-K' A.' I' L&MH&NB@' A.' I&%D' "-I%H&M'R' &D'
FIM' I'L&MPC&M@'FG&HG'G@'GIL'DGACPGD' &D' N-AN@-'DA' IMMC3@&'
FG&B@' G@' HA%D&%C@L' DA' K@' @%PIP@L'&%' DG@' GIVI-LACM' DIMO'
A.' &%D@-@MD&%P' DG@' 'I-&ACM' OAF@-M' A.' !C-AN@' A%' K@GIB.' .'
G&M' ANN-@MM@L' HAC%D-J3@%' %L' B&DDB@' HACBL' DGAM@ FGA'
3&PGD' GI'@' M@@%' DG@' 3@@O' "-I%H&MHI%' CMG@ @L' &%DL' DGW'
N-@M@%H@' A.' O&%PM'O%AF' DG@' G@I-D' G&HG K@ID' &%' DGID' Ko&'
MA3'A-'DG@'3IMD@- MN&-&D'FG&HG'BC-O@L'K@%@IDG'DGID' GAALR
CD' IBDGACPG' KJ' G&M' &%LA3&DIKB@' @%@-PJ' G@' GIL' M '
.I-' MCHH@@L@L'&%' IHHA3NB&MG&%P' DG@' KQ@HDM'FG&HG'G@'GIL' 2
&%' '&@F' O-@H&LI'.AC%L' AGD-I-J' DA' G&M' +TN@HDID&&:&R' DGID'
3I%J' AKMDIHB@M' MD&BB' -@3I&%@L' DA' K@' 3@D' I%L' A'@-HK3h U
:@' FIM' A%BJ' G' G&M' C-.&'.-A3' ; 3y' DA' DG@' HAC-D' .'
I-H@BA%I'FG@%' &HGABIM' *BB +F&DG'FGA3'G@'GIL'-@H@%DBJ'
GIL' M ' MID&M.IHDA-J' I' HA%.@-@%H@' FIM' MCLL@%BJ'-@3A'@L'
KJ' L@IDG'DG@'D&I-I'L@MH@%L&%P' DA' I-D&%' *$ ' I'.&-3UIBBJ'
A.' DG@' GACM@' A.' %QAC'R' I%LR' 3A-@A'@-'G@' %AF' K@HI3@'
HA%MH&ACM' DGID' -@IMA%M A.' I' HAP@%D' %IDC-@' 3&PGD' %AD'
&3N-AKIKBJ' I-&M@' FG&HG FACBL' @..@HDCIBBJ' L@KI-' &HGI@B'
OIB~ABAPCM' .-A3' -@%L@-&%P' DGID' &3NA-DI%D' IMM&MDI%H@' DA'
DG@' HINM@' A.' &H&B&I%' B&K@-DJ' A%' FG&HG' G@' GIL' MA' BI-P@BJ'
HAC%D@L' I%L' A%' FG&HG' DGW' &MMC@' A.' DGW' N-@M@%D' C%L@-?
DIO&%P' 3&PGD' K@' WI&L' DA' L@N@%L' MA' 3CHGR "A-' -@NA-DM

-@IHG@L' I-H@BA%I' 3' DG@' HAC-M@' AZ' DG@' 3A%DG' A.'5CBJ'
' DGID' I.D@-' -@N@ID@L' MAB&H&DID&A%M' DG@' -@NCKB&H' A.'
$@%&H@' GIL' K@@%' N@-MCIL@L' DA' @%D@-' &%DA' I'D-@IDJ' F&DG+'
DG@' : ABJ'+@@'I%L'DG@'&a&%P'A.' INB@M'KJ'FG&HG'MG@'KAC%L'
G@-M@B. = B X i.A' N-A'&L@' I'%IJIB' HA%D&%P@%D' A.' .A-DJ'A-'
%&N-@' PIBB@JM N FI-'DN'K@'NBIH@L' C%L@-'DG@'HA3 3I%L'A.'
DG@' LAP@' G&3M@B.'DA' DG@' BI-P@' .A-H@'FG&HG' #GI-B@M' GIL'
.A- MA3@ D&3@' NIMD'K@@%' .&DD&%P' NCD' &%' DG@' NA-DM' A.' G&M'
LA3&%&A%M' DGN' -@HA'@-J' A.'OA%MDI%D&%ANB@' .&-A3' DG@'
1-@@OMR]' ' N' L&'&L@I @SCIBBJ' F&DG' G@-' IBB&@M I%J' HA%'
SCNMDM'@&DG@-'KJ'BI%L 'A-'KJ'M@I' FG&HG'DG@J' 3&PGD'@..@HD'
HA%QA&%DBJ'DG@-@I.D@-R A'3IO@'%A'M@NI-ID@'N@IH@'F&DG'
DG@' 1-@@O' @3N@-A-R I%L' ' A'HA%M&L@-'&%'DG@'@'@%D' A.'
@&DG@- 'A-'I%J'A.'DGN' HA%D-IHD&%P' NI-D&@M' LJ&%P' K@.A-@' DG@'
D@-3M' N.YDG@' IP-@@3@%D' F@-@'.CB.&BB@L'DGAM@' D@-3M' IM' MD&BB'
PNNL I%L $zL&L' @TN@L&D&A%'DA' MI&B' &N-+N-&B 8ER' I%L' -&%L&M&'
FI 'M@B@HD@L' IM'5RG@Q' NN-D' A.' GNCBL' MCHG
I% N'N%D' -^I J'DIK@ QNBIH@ &I %L'&MGNCBL' DG@' (Z -@%@G' I%L'
JN%@D&INM SHD%SBBJ'QA&%' I'MNHA%L'#-CMIL@' IPI&%MD'#A%-'
MDI% DQ%NNB@ &D[+I+ S%&DN'N&N%&.@MD DGID'OIBI@ABAPCMsFACBL'
.&%L ROY3NB@' N%INBAJ3@%D' .A-'DG@'3NI%+.I%L' -@MAC-H@M' ID'
B+. Q HN3N&I%L ' NN-'QJINQ&D' B@MM' H@-DI&%'Y DB&ND&' C%D&B& DG@'
@TN@HD@L MCKM&L&@M'.-N&.D' DGN' JVI%DQ%@' NAC-D''-@-@' -@'
S+&J@L&'&%+'.CBB 'DKN'Q&&@@LJ' -- IPA%@M@'FACBL' KN' &%' CA'
NAM&D&AN'DN'HI--J'G&M'N-A3&M@M' I%L'@%PIP@3@%DM'-@PI-L&%P'
&H&BJ &CDN'N-IHD&HIB'@..@HD'

2 D&BB'N-AH&LI'L&L'%AD' MC..@-' DG&M' C%.I'AC-IKB@'HA3K&?
%ID&A%' A.' H&-HC3MDI%H@M' DA' L@D@-' G&3' &%' DG@' MB&PGD@MD'
L@P-@@' .-A3' DG@'N-AM@HCD&A%' A.'G&M'N-AQ@HD' @DF@@%'DG@

8 ! 8

J@I-M / XI%L 8 G@ INN@I-M DA GI'@ K@@%& H@M?
MI%DBJ@3NBAJ@L&%3IDC-&%PG&M NBI%MI%LA-PI%&V&%PG&M
+-@MAC-H@MR I%L DG@-@F@-@DFA NA&%DM FG&HG L@3I%L@L
G&M NI-D&HCBI- IDD@%D&A% *% DG@ .&-MD NBIH@ &D K@HI3@
%@H@MMI-JDA -@IMMC-@DG@a&%PA. --IPA%A% FGA3DG@
C%@TN@HD@L L@IDG A. &HGABIM *** I%L &G@ HA%M@SC@%D
BAMM A.I NID-A% I%L IBBJ&% DG@ : @IL A.DG@ #GC-HG GIL
@T@-H&M@L I 3AMD[L&MHAC-IP&%P &%.BC@%H@R M@HA%LBJ DG@
I--&'IB A.MGNNB&@M.-A3 #A%MDI%D&%ANB@DG@ L@BIJA.FG&HG
3&PGD M@-&ACMBJ-@DI-L DG@ N-@NI-ID&A%M A.O@D@- A- ID
I%J-ID@ .C-%&MG I N-@D@TD DA I N-&%H@ FGL FIM IB-@ILJ
FI'@-&%P &%' G&M -WMABCD&A% FIM DA K@ M@HC-@L I%L IHH@?
B@-ID@L %L &D &+IM DG@-@.A-@ %AD D&BB DG@ WI-BJ NI-D A.
8 DGID DG@ I-A% L@ O-@H&LI .AC%L B@&MC-@ &A NIMM
A%H@ 3A-@ &%DA &H&BJ .A- DG@ NC-NAM@ A. N-@NI-&%P DG@
NCKB&H 3&%L .DGID &MBI%L .A- DG@ P-@ID HGI%P@M FG&HG
G@ GIL &%& HA%D@%INBID&A%+ ADG&%P GAF@'@- HACBL K@
.I-DG@-.-A3 G&M F&MG@M A- &%D@%D&A%M DKIQ& DA P&'@ C%LC@
NCKB&H&DJ DA G&M N-@M@%D ' D G 3@.@.o-@D-I'@BB@L IM
G@GIL LA%W % DGh .A-3@-+AHHIM&A% C%L@- I HBA @ L&M
PC&M@R I%L @'@-J N-@HICD&A% FIb DIO@%' KJ G&3M@B. I%L
KJ DGAM@ FGA3 G@ GbL HGAMW-D Dp IL3&D &%DA G&M HA%.&?
L@%H@ &%' A-L@- DGID DG@ PA'@-%3@%D A. #GI-B@M A. %QA&&
3&PGD K@ O@ND &%' &P%A-I%H@ A. DG@ I--&'IB &%' DG@ &MBI%L
A. A%@ A%' FGA3 DG@J 3&PGD QCMDBJ BAAO bM DG@&- FA-MD
@%@3J %LR IPI&% FG&B@ &D FIM DG@ I&3 A. O-SH&LI DA
-ACM@ DG@ %ID&A%IB .@@B&%P A. &H&BJ KJ M@H-@D &%D-&PC@M
I%L KJ F&%%&%P A'@- DA G&M &%D@-@MD DG@ 3A-@ &%.BC@%D&IB
A. G&M HAC%D-J3@% DGbD %AKB@3I%' GIL DG@ F&MLA%& DA
-@.-I&%' .-A3 @3KI-O&%P &%' I%J F&BL @%D@-N-&M@ A-'B@%L&%P

<ʼ 8 (ʼ %& ʼ 0ʼ $! *#!

G&Mʼ %I3@ʼ DAʼIʼ%Jʼ &BB HA%H@-DHLʼ 3A'@3@%Dʼ FG&HGʼ HACBLʼ A%BJʼ GI'@ʼ DG@ʼ @..@HDʼ A.ʼ HA3N-A3&M&%Pʼ G&Mʼ AF%ʼ NAM&D&A%ʼ I%Lʼ A.ʼ -C&%&%Pʼ N@-GINMʼ &--@NI-IB&BJʼ Iʼ HICM@ʼ FG&HGʼ FIMʼ L@I-ʼ DAʼ MAʼ 3I%Jʼ "-A3ʼ DGAM@ʼ '&H@Mʼ FG&HGʼ HA33A%BJʼ 3I-Oʼ I%Lʼ L&MD PC-@ʼ DG@ʼ -@'ABCD&A%I-Jʼ HGI-IHD@-Rʼ DG@ʼ &H&? B&I%ʼ NID-&Dʼ INNNI-Mʼ &%L@@Lʼ DAʼ GI'@ʼ K@@%ʼ %CMCIBBJʼ .-@@ʼ Aʼ MIJʼ A.ʼ Iʼ NI-DJʼ A-ʼ NANCBI-ʼ B@IL@-ʼ DGIDʼ G@ʼ FIMʼ HIB3ʼ HABB@HD@Lʼ NID&@%Dʼ I%Lʼ H&-HC3MN@HDʼ %@&DG@-ʼ DAAʼ N-@H&N&? DID@ʼ %A-ʼ DAA MI%PC&%@ Jʼ I%Lʼ DGIDʼ G@ʼ FIMʼ FA%Dʼ DAʼ HA3&M@Bʼ &%ʼ ADG@-Mʼ FGAʼ F@-@ʼ .@BBAF BIKAC-@-Mʼ I%Lʼ .@BBAF MC..@-@-Mʼ &%ʼ ʼDG@ʼ MI3@ʼ HICM@ʼ DG@ʼ @T@-H&M@ʼ A.ʼ DGIDʼ N-CL@%H@ʼ I%Lʼ 3AL@-ID&A%ʼ A.ʼ FG&HGʼ G@ʼ M@Dʼ DG@ʼ @TI3NB@ʼ &Mʼ %Aʼ 3@I%ʼ A-ʼ A-L&%I-Jʼ HA3NB&3@%D ʼ I%Lʼ MCHGsʼ I%Lʼ %Aʼ B@MMʼ &Mʼ DG@ʼ MGI-@ʼ A.ʼ N-I&M@ʼ FG&HGʼ F@ʼ K@B&@'@ʼ DAʼ K@ʼ LC@ʼ DAʼ 1&A'I%%&ʼ O-AH&LIʼ 2

O-AH&LIʼ GILʼ IMʼ F@ʼ GI'@ʼ AKM@-'@Lʼ BI%L@Lʼ A%ʼ G&Mʼ %ID&'@ʼ MGA-@Mʼ &%ʼ MD-&HDʼ ʼ Aʼ-@3A'@ʼ IMʼ .I-ʼ IMʼ NAMM&KB@ʼ DG@ʼ N-AKIK&B&DJʼ A.ʼ L@D@HD&A%ʼ IMʼ G@ʼ NIMM@Lʼ .-A3ʼ GI3B@Dʼ DAʼ GI3B@Dʼ &%ʼ NC-MC&Dʼ A.ʼ G&Mʼ P-I%Lʼ I%Lʼ .I'A3U&D@ʼ AKQ@HDʼ G@ʼ HGI%P@Lʼ G&Mʼ L-@MMʼ A.D@%ʼ I%Lʼ GILʼ -@HAC-M@ʼ DAʼ L&..@-@%Dʼ L&MPC&M@Mʼ Aʼ A%@ʼ HACBLʼ C%L@-MDI%Lʼ K@DD@- DGI%ʼ G&3M@B.ʼ DG@ʼ %IDC-@ʼ A.ʼ DG@ʼ 3&MM&A%ʼ A%ʼ FG&HGʼ G@ʼ FIMʼ K@%Dʼ *Dʼ FIMʼ &%ʼ DG@ʼ @I-Mʼ A.ʼ Iʼ %ID&A%ʼ @3K&DD@-@Lʼ I%Lʼ @TIMN@-ID@Lʼ KJʼ Iʼ BA%Pʼ HAC-M@ʼ A.ʼ ANN-@MM&A%ʼ I%Lʼ &%MCBDʼ DGIDʼ G@ʼ HI3@ʼ DAʼ FG&MN@-ʼ FA-LMʼ A.ʼ GAN@ʼ I%Lʼ HAC%M@BMʼ A.ʼ '@%P@I%H@ʼ :@ʼ L@N&HD@Lʼ DAʼ DG@ʼ &H&B&I%Mʼ &%ʼ '&'&Lʼ HABAC-Mʼ DG@ʼ GA--A-Mʼ A.ʼ DG@&-ʼ N-@M@%Dʼ M&DCID&A%ʼ :@ʼ K-ACPGDʼ GA3@ʼ DAʼ DGS&Nʼ DG@ʼ F-A%PMʼ FG&HGʼ DG@Jʼ GILʼ MC..@-@Lʼ DG@ʼ 3&M@-&@Mʼ DAʼ FG&HGʼ DG@Jʼ GIXBʼ K@@%ʼ MCKQ@HD@Lʼ DG@ʼ L@P-ILID&A%Mʼ FG&HGʼ DG@Jʼ @-@ʼ LN&BJʼ @%LC-&%Pʼ :@ʼ INN@IB@Lʼ DAʼ @'@-Jʼ %AKB@ʼ M@%D&? B&ʼ ʼ ʼ ʼi

ʻ ʻ :* ; ʻ ʻʻ ʻʻ=$ 0ʻ ʻ 8

-I@%Dʻ DAʻ @'@& ʻ P@%@-ACMʻ &3NCBM@Y .RDG@&+ʻ%IDC-@ʻ ÷ +KA'@ʻ IBBʻ DGAM@ʻ &^'GAM@ D@-3ʻ A.ʻʻ%NB&DI& N@-JQ&HAʻ GIHB& N+N&iADBʻ I%Lʻ FGAʻ GILʻ -@D&-@Lʻ .-A3 DG@ʻ HIN&DIB DA+DG@&- -QCUIBʻ .N--IMʻ A-ʻ HAC%D-JR@MDID@M+ʻ G@ʻ M@H-@DBJ C-P@Lʻ DAʻ + @DC-%ʻ IMʻ &.ʻ A.ʻ DG@&-ʻ AF%ʻ IHHA-L]ʻ DA[OIBH-3AQʻ FG@-@ʻ DG@J 3&PGDʻ KABLʻ DG@3M@YB'@rʻ &% .-@IL&%.@MMʻ D ʻ M@&V@ʻ I%Jʻ AN.A-DN%&DQ FG&HGʻ 3&PGDʻI-&M@QʻN.ʻ-@DIGID&%Pʻ A%ʻ DG@&-ʻDJ-I%DMʻI%Lʻ A.ʻMGIO&%Pʻ A.B.ʻ KJʻYA%@ NAF@-.CBʻ I%L %%&D@+...A-DJʻ JNO@+& G&HGʻ G@ʻ DABLRDG@ 3ïʻDGIDʻDG@Jʻ GILʻ KA-%@ʻ DAAʻ B @@OBJʻ NNL DAN BA%Pʻ 2 %Lʻ* -AL&LIʻQCLP@Lʻ -&PGDBJ+DGIDʻ DA+Iʻ%ID&ANSʻ GNM@ D@&Nʻ N#-BGILʻ&K@@Nʻ MAʻ&M@'@-@BJʻ D-&@L XDG@&OI CM@CA.&N-A'AHID&A%ʻ HACBLʻ KI-LBJʻ.I&Bʻ DAʻ N-@M@%Dʻ &DM@B.D AANH&ʻA-ʻ.BID@-ʻ R7G@ʻ H-&M&MirAN Nʻ HI3@ʻ &%L@@L Rʻ&I%LQ DG@ʻi31 %@-Qʻ.&N&FG &HGRDG@ʻ +QB&-MDʻ 6 $Pʻ&'I^& I&QB&@L&&B 8 R+ʻIDʻDG@ʻNAF@-ʻ DDGHʻ.-@%HGʻ -&% &H&BJʻ IMʻMAʻ @-D&I-OIKB@J&GIDʻ &Dʻ r@@3MʻDNʻ3@-&DʻMA3@ʻ DG&NPʻ&%A-@ʻDGI%ʻIʻNIMM&%P %AD&H@ʻQ%QDK@MHʻNIP@Mʻ÷

*Dʻ FIMʻ !IMD@-ʻ!J@ʻ#E DG I-HG QB 8 [+ʻ I%Lʻ DG@-@ʻ FIMʻ GAB&LIJʻ&%ʻ IBBʻ++IB@-3Nʻ *Dʻ &I%ʻAHHIM&AN&H'Iʻ FG&H(& ʻDG@ʻQ#&D&V@%Mʻ &F@-Aʻ IHHNMDA3@L D@ʻ-@NI&-ʻ F&DGʻDG@&-ʻF&'@Mʻ 5I%Lʻ.I3&B&@MQʻDNʻD ʻ HGC-HG A.ʻDGMZ:ABJʻ 1GAMDRID++A%Dʻ -@IBʻ NB&-@@ʻ 3&B@Mʻ L&MDI%Dʻ.-A3ʻ DAF%ʻ&DM@B.ʻ DAʻ NIJʻ DG@&-ʻ L@JAD&A%Mʻ I%Lʻ IDD@%Lʻ DG@ʻ M@-'&H@ʻA.R'@MN@-Mʻ G@ʻ 3ID-A%Mʻ I%Lʻ DG@&-ʻ LICPGD@-M F@-@ʻ IDD&-@Lʻ&%ʻ DG@&-ʻPIJ@MDʻ HAMDC3@R I%Lʻ DGNʻ BIDD@-ʻ IMʻ DG@Jʻ FIBO@Lʻ B@&MC-@BJʻ DAFI-Lʻ DG@ʻ HA33A%ʻL@MD&%ID&A%ʻ 3&PGDʻ K@ʻ M@@%ʻ NBCHO&%Pʻ.BAF@-Mʻ .-A3ʻ DG@ʻ G@LP@-AFMʻ KJʻ DG@ʻ FIJM&L@ʻ FG&B@ʻ DG@Jʻ PI'@ʻ CDDH-IN@@ʻ DAʻ DG@&-ʻ5AJʻ&%ʻ MA%PMʻ DAʻ DG@ʻ&%HA3&%Pʻ MN-&%Pʻ G@ʻ FGAB@ʻ MH@%@ʻ K-@IDG@Lʻ NB@IMC-@ʻ&%%AH@%H@ʻ I%Lʻ HA%ʻ D@%D3&@%Dʻ G@-@ʻ FIMʻ %ADG&%Pʻ FG&HGʻ &%L&HID@Lʻ DG@ʻ @T&MD@%H@ʻ A.ʻ D3Jʻ'&%L&HD&'@ʻ MN&-&Dʻ A-ʻ BC-O&%Pʻ I%&3AM&DJ

BACL KC-MD A. GA--A- I%L &%L&P%ID&A% .ABBAF@L DG&M D-IP&HIB HIDIMD-ANG@ H-J A. 6 T 6 i -@MAC%L@L &% @'@-J SCI-D@- %ADG@- &%MDI%D@BINM@L I%L DG@ -C..&I% BIJ F@BD@-&%P &% G&M KBAAL D-I%MN&@-H@L F&DG G&M AF% MFA-L G@ .IBB A. <-AC@D K@HI3@ I M&P%IB .A- I P@%@-IB IDDIHO AG G&M HA3? NID-&ADM R& DA I-%& DG@3M@B'@M GIL K@@% .A- DG@ &H&B&I%M DG@ F A-O A. I .@F 3A3@%DM R DFA GC%L-@L A. DG@ @%@3J F@-@ 3IMMIH-@L A% DG@ MNAD R I%L K@.A-@ DG@ @TN&-ID&A% A. DGID 3@3A-IKB@ !IMD@- !'@ .AC- DGACMI%L "-@%HG3@% F@-@ %C3K@-@L I3A%P DG@ L@IL

G@ @TI3NB@ A. IHD&'@ -@M&MDI%H@ FG&HG GIL DGCM K@@% C%@TN@HD@LBJ M@D KJ DG@ OIB@-3&DI%M FIM .ABBAF@L 3A-@ A- B@MM'N-A3NDBJ KJ ADG@- NBIH@M &% DG@ &MBI%L R I3A%P DG@ & @MD DG@ &3NA-DI%D H&DJ A. @MM&%I PI'@ G@- ILG@M&A% DGACPG MA3@FGID DI-L&BJ DA DG@ -@'ABCD&A%I-J 3A'@3@%DR &% IB3AMD @'@-J &%MDI%H@ DG@ "-@%HG F@-@ NCD DA L@IDG F&DGACD L&MD&%HD&A% A. IP@ A- M@T R I%L DG&M A-PI%&VID&A% &% &L&BJ A. I B@IPC@ GAMD&B@ DA DG@ -@&P%&%P LJ%IMDJ B@L DG@ FIJ &IM I %IDC-IB HAGM@SC@%H@ DA I N-AD-IHD@L MD-CPPB@ K@DF@@ DG@ MCNNA-D@-M A. #GI-B@M A. %QAC I%L DG@ MCN? NA-D@-M A. 1&A'I%%& O-AH&LI @ 3CMD %AF GIMD@% DA 3I-O DGW .&%IB &MMC@ A. DGID LI-O I%L KBAALJ @N&MAL@ FG&HG &M MA F@BB O%AF% &% G&MDA-J IM # ' B ' "' %" ' I%L FG&HG GIL A-&P&%ID@L IM F@ GI'@ IB-@ILJ MG@F% &% I MD-@@D K-A&B &% A%@ A. DGW MCKC-KM A. OIB@-3A

% I HIB3 MC-'@J A. DG@&- NAB&D&HIB N-AMN@HDM DG@ &H& IGM F@-@ .A-H@L DA DG@ HA%HBCM&A% DGID DG@-@ FIM GI-LBJ I%J IBD@-%ID&'@ KCD DA @THGI%P@ I "-@%HG .A- I

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NI%&MGʻ JAO@ʻR I%LʻO-AH&LIʻ I%LʻG&MʻHAC%D-J3@%ʻGI'&%Pʻ KJʻ Iʻ '&AB@%Dʻ I%LʻMCLL@%ʻ @..A-Dʻ MCHH@@L@Lʻ &%ʻ NI-D&IBBJʻ MGIO&%PʻA..ʻDG@ʻGID@.CBʻLA3&%ID&A%ʻA.ʻDG@ʻGACM@ʻA.ʻ %QACʻ BAMDʻ%Aʻ D&3@ʻ &&%M@%L&%Pʻ Iʻ MAB@3%ʻ &%'&DID&A%ʻ D,ʻO@D@-ʻA.ʻ --IPA%ʻ DAʻ @MDIKB&MGʻG&MʻN-@D@%M&A%MʻDAʻIʻDG-A%@ʻ FG&HGʻ G@ʻ3&PGDʻHBI&3+KJʻ-&PGDʻA.ʻG&Mʻ''&.@ʻ#A%MDI%H@ʻS.ʻ CIK&Iʻ G@ʻ ILʻ'I%DIP@Mʻ A.ʻDG@Q@THGI%P@ DAʻFG&HGʻF@ʻGI'@ʻ-@ʻ .@+ @Lʻ3&PGDʻG@ʻLACKD.CBʻQRʻIDʻB@IMDʻDG@Jʻ-@3I&%@Lʻ DAʻK@ʻ D@MD@L

CDʻ DG@ʻ-@'ABCD&A%ʻ&%ʻ &H&BJʻFIMʻ&%L&-@HDBJʻN-ALCHD&'@ʻ A.ʻADG@-ʻ-@MCBDMʻ GIDʻ@'@%Dʻ F-ACPGDʻI%ʻ@%D&-@ʻHGI%P@ʻ &%ʻDG@ʻNAM&D&A% I%LʻN-AMN@HDMʻA.ʻ#GI-B@MʻA.ʻ %QACʻQʻ &Dʻ-@? B&@'@Lʻ DG@ʻ 1-@@OMʻ.-A3ʻ DG@ʻ INN-@G@%M&A%Mʻ FG&HGʻ DG@Jʻ GILʻ.A-ʻMA3@ʻD&3@NIMDʻK@@%ʻB@LʻDAʻ@%D@-DI&%ʻA.ʻIʻ.A-@&P%ʻ &%'IM&A%ʻKJʻHA3N@BB&%Pʻ#GI-B@MʻDAʻ-@%AC%H@ʻ.A-ʻDG@ʻN-@? M@%Dʻ IBBʻG&Mʻ.&%@ MNC%ʻN-AQ@N Mʻ A.ʻ!IMD@-%ʻHA%SC@MDʻRʻ I%Lʻ BIMDBJʻ&Dʻ B@.Dʻ DG@ʻ-@NCKB&Hʻ A.ʻ $@%&H@ʻ IDʻ B&K@-DJʻDAʻ ILANDʻ Iʻ HAC-M@ʻDAʻFG&HGʻ&Dʻ 3&PGDʻ INN@I-ʻ DGIDʻ MG@ʻ GILʻBA%Pʻ M@H-@DBJʻ&%HB&%@Lʻ KJʻ@%IKB&%Pʻ G@-ʻDAʻK-hIOʻA..ʻG@-ʻ%@FBJʻ .A-3@Lʻ HA%%@HD&A%ʻ F&DGʻ DG@ʻ a&%Pʻ A.ʻ INB@Mʻ I%LʻDAʻ-@? MC3@ʻG@-ʻ.A-3@-ʻ-@BID&A%MʻF&DGʻDG@ʻ JVI%D&%@ʻHAC-Dʻ G@ʻ $@%@D&I%ʻ PA'@-%3@%Dʻ@'@%ʻDAAOʻIʻMD@Nʻ.I-DG@-ʻ *Dʻ N-A? G&K&D@Lʻ DG@ʻ OID-&I-HGʻA.ʻ1-ILAʻDG@ʻ &MGANʻA.ʻ1IMD@BBAʻ I%LʻDG@ʻHB@-PJʻA.ʻDG@ʻ'I-&ACMʻL&AH@M@Mʻ.-A3ʻN-@IHG&%Pʻ DG@ʻ#-AMMʻIMʻDG@Jʻ GILʻG@-@DA.A-@ʻLA%@ʻIPI&%MDʻO@D@-ʻA.ʻ --IPA%ʻI%LʻA%ʻK@GIB.ʻA.ʻG&Mʻ-&'IB

GIDʻ DG@ʻNIH&.&Hʻ A'@-DC-@Mʻ %AFʻ 3IL@ʻKJʻ 1&A'I%%&ʻ <I%LABAʻDAʻ %L&A%&HCMʻOIB~ABAPCMʻDG@ʻMCHH@MMA-ʻA.ʻ &HGI@Bʻ FACBLʻK@ʻ-@H@&'@Lʻ F&DGʻ.I'AC-ʻFIMʻ%ADʻ3A-@ʻ N@-GINMʻDGI%ʻ3&PGDʻGI'@ʻK@@%ʻ-@IMA%IKBJʻ@TN@HD@L

OIB~ABAPCM FIM N-AKIKBJ DAA PBIL DA @3K-IH@ DG@ N-@? M@%D ANNA-DC%&DJ A. @..@HD&%P I -@HA%H&B&ID&A% F&DG I +OAF@- FG&HG HACBL K@ MA 'IBCIKB@ I% IBBJ A- A% DG@ ADG@- GI%L N-A'@ G@-M@B.MA .A-3&LIKB@ I% I%DIPA%&MD

G@ MC-N-&M@ A. DG@ : ABJ @@ ID DG@ %@F HGI%P@ &% DG@ $@%@D&I% NAB&HJ FG&HG MG@ 3&PGD K@ L&MNAM@L DA HA%MD-C@ &%DA I% IHD A. D@-P&'@-MID&A% FIM @TH@MM&'@ : @- Z&%? L&P%ID&A% I%L F-IDG F@-@ @'@% s+U@ID@-&B A- HAtBL DG@ NA%D&.. HA%L@MH@%L K@.A-@ G\-@MA-D@L DA 3A-@ MD-&%P@%D 3@IMC-@M DA @MMIJDG@ @..@HDM A.%WPAD&ID&A%' D %LK- G&M L&-@HD&A% I%L -@MNA%M&K&B&DJI M@%D@%H@&K. @THA-I&%C%&HI D&A% FIM BIC%HG@L .A-DGF&DG IPI&%MD DG@ A..@%L@-M KJ DG@ #I-L&%IB A. ABAP%I'6 G@-@NCK H FIM BI&L C%L@-'N%&%? D@-L&HD G@ N@-.A-3I%H@ A. GABJ FA-MG&N I%L DG@ ADG@- A..&H@M A. -@B&P&A%+ FIM MD-&HDBJ &%G&K&D@L Q DG@ HGC-HG@M F@-@ HBAM@L + DG@ .C%HD&A%M A. DG@ N-&@MDM F@-@ L@HBI-@L DA K@ MCMN@%L@L P FG&HG&-@LCBH@L DG@ $@%@D&I%M DA I%M&DCN&Q&A%R A. FG&HG DG@ GA--A-M 5I-@& 3A-@ BhmM&BJ &3IP&%@L DGI%* L@X MH-&K@L[DG@ LA+@ BFIM mL'tM@LQ DA LA&%A &%A-@ DGI% ILL-@MA DL DG@ HAC-D A. DG@ $ID&HI% I L&P%&.&@L m%L&-W .@N@HD.CB -@3A-&MD-I%H@+ I%L DG@ NID&A%&I.BI-P@ MCK3&DD@L DA I% @'&G A. FG&HG &D FIM D-CBJ L&..&HCBD DA A'@--ID@ DGW 3IP%&DCL@ F&DG I -@M&P%ID&A%+ FG&HG FIM G&PGBJ N-I&M@? FA-DGJ CD ID DG@ MI3@ D&3@[%@&DG@- DG@ PA'@-%3@%D %A- DG@ NCKB&H 3I%&.@MD@L QDG@ MB&PGD@MD L&MNAM&D&A% DA L@'&ID@ L- MF@-'@ .-A3 DG@ %@F B&%@ A. NAB&HJ A% FG&HG DG@J GIL DGACPGD .&D DA @%D@-R I%L DG@ -@BID&A%M K@DF@@% DG@ D+A OAF@-M F@-@ MD&BB C%HGI%P@L FG@% DG@ MILL@% L@IDG A. I-D&%*$ X 8,[AN@%@L DG@ FIJ DA I -@HA%H&

8#B# 8, (:* ; " $! *#!

B&ID&A% I%L DA DG@ @3A'IB A. &DG@ &%D@-L&HD *D &M P@%@?
-IBBJ ; @B&@'@L DA GI'@ K@@%+IC @TN-@MM HA%L&D&A% &%'AB'@L
&% DG&M -@HA&&H&B&ID&A i K@DF@@% DG@ +-@NCKB&H I%L DG@
NAMDAB&H ' ' ((Ù < (V
V W E

 &BD GIM K@@% N-AN@-BJ AQKM@-'@L KJ I %&AL@-% F-&D@-
DGID&i{D I3 @NAHG HA%M&L@-IKBJ I%D@-&A- DA DGID ID FG&HG
F@ GI'G %AF I--&'@L I MN@H&@MiA.B D-&KC%IBCGILÚ K@@%
@M.IKB&MG@D5 ID $@%&H@ .A- DG@ D-&IB A. G@-@D&HMi CD DGID
DG&M D-&KC%IB FGID@'@- &DM N-@H&M@ %IDC-@ [A- .C%HD&A%M
-AI[GI'@ K@@% %@'@- @T&MD@L LAF% DA DG@ N-@M@%D D&3@
IM I N@-&%I%@%D &%MD&DCD&A% 3IJ F@ DG&%G K@ -@PI-L@L
IM I% C%SC@MD&A%IKB@ .IHD *D &M %AD 3A-@ DGI% .I&- DA
IMMC3@ DGID FG@% DG@ AHHIM&A% FG&HG GIL F&D%@MM@L &DM
.&-MD .A-3ID&A% FIM NIMD &D FIM 3@-@BJ -@'&'@L .&A3 D&3@
DA D&3@ .A- DG@ G@I-&%P A. HIM@M A. G@-@MJ FG&HG GIL
K@@% N-A%AC%H@L DAA &%D-&HID@ G%L D@HG%&HIB DA HA3@
2F&DG&% DG@ HAP%&VI%H@ A. DG@ HA33A% @HHB@M&IMD&HIB HAC-D
PI&%R &D &M %AD C%B&BH@BJ DGID DG@ -@NCKB&H GIL G&t&@-DA
L@@3@L &D C%MI.@ I%L ADG@-F&M@ &&%@TN@L&@%D DA MI%HD&A%
DG@ IL3&MM&A% A. DG@ *%SC&M&D&A% &%DA G@- LA3&%&A%MR I%L
<I3 @%C3@-ID@M %A .@F@- DGI% D@% NA%D&..MiFGA GIL
'I&%BJ @%L@I'AC-@L DA A'@-HA3@ G@- -@NCP%I%H@ I%L DA
N-@'I&B A% G@- DA J&@BL DG@ HA%D@MD@L NA&%D A- &M &D DA
K@ MCNNAM@L DGID @'@% DG&M DI-LJ L@.@-@%H@ DA DG@ F&MG@M
A. DG@ @@ FIM NI&L C%D&B DG@ FGAB@ SC@MD&A% GIL C%L@-?
PA%@ ID DG@ GI%LM A. 1&A'I%%& <b%LABA I%L G&M #AC%H&BM
ÚDG@ 3AMD HI-@.CB I%L L@B&K@-ID@ &%'@MD&PID&A% &% IBB &DM
L&..@-@%D IMN@HDM I%L K@I-&%PM R I%L &%L@@L FG@% DG@

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-@MD-&HD&A%Mˢ FG&HGˢ DG@ˢ $@%@D&I%ˢ PA'@-%3@%Dˢ GILˢ L@H&L@Lˢ CNA%ˢ NBIH&%Pˢ A%ˢ DG@ˢ ICDGA-&DJˢ A.ˢ DG@ˢ ..&H@ˢ F@-@ˢ O%AF%ˢ I%Lˢ HA%M&L@-@Lˢ &Dˢ K@HI3@ˢ 3I%&.@MDˢ DGIDˢ DG@ˢ D-&C3NGˢ A.ˢ DG@ˢ HAC-Dˢ A.ˢ DG@ˢ $ID&HI%ˢ FIMˢ 3CHGˢ P-@ID@-ˢ &%ˢ INN@I-I%H@ˢ DGI%ˢ &%ˢ -@IB&DJ

G@ˢ .&-MDˢ N-AH@@L&%PMˢ &%ˢ -@PI-Lˢ DAˢ DG#'ˢN-ANAM@Lˢ %@Fˢ &%MD&DCD&A%ˢ F@-@ˢ DIO@%ˢ A%ˢ DG@ˢ DGˢ A.ˢ CPCMDˢ 8 +ˢ FG@%ˢ DG@ˢ SC@MD&A%ˢ INN@I-Mˢ DAˢ GI'@ˢ K@@%ˢ IP&DID@Lˢ I%Lˢ L&MHCMM@Lˢ &%ˢ DG@ˢ @P&MBID&'@ˢ MM@3KBJˢ DG@ˢ HA%HA-LIDˢ F&DGˢ DG@ˢ :ABJˢ @@ˢ -@H@&'@Lˢ M&P%IDC-@ˢ A%ˢ DG@ˢ 8DGˢ A.ˢ DG@ˢ MI3@ˢ 3A%DGˢ .ˢ DG@ˢ HA%L&D&A%Mˢ FG&HGˢ F@-@ˢ @3KAL&@Lˢ &%ˢ DGIDˢ &%MD-C? 3@%Dˢ Iˢ HA--@HDˢ @%C3@-ID&A%ˢ HI%%ADˢ K@ˢ C%L@M&-IKB@

ˢ *%ˢ DG@ˢ HIN&DIB eˢ DG@ˢ D-&KC%IBˢ A.ˢ DG@ˢ :ABJˢ ..&H@ˢ FIMˢ DAˢ HA%M&MDˢ A.ˢ DG@ˢ NINIBˢ C%H&Aˢ DG@ˢ &MGANˢ A.ˢ 1IMD@BBAˢ I%Lˢ I%ADG@-ˢ @HHB@M&IMD&HRˢ DG@ˢ DFAˢ BIDD@-ˢ IBDGACPGˢ DG@Jˢ -@H@&'@Lˢ DG@&-ˢ HA33&MM&A%ˢ .-A3ˢ DG@ˢ NAN@ˢ F@-@ˢ %ADˢ DAˢ K@ˢ HA3N@D@%Dˢ DAˢ IHDˢ F&DGACDˢ DG@ˢ ICDGA-&DJˢ A.ˢ DG@ˢ LAP@ˢ *%ˢ DG@ˢ N-A'&%H@Mˢ :&Mˢ :AB&%@MMˢ FIMˢ B&O@F&M@ˢ DAˢ GI'@ˢ DG@ˢ %A3&%ID&A%ˢ A.ˢ DG@ˢ *%SC&M&DA-MRˢ KCDˢ MGACBLˢ G&Mˢ %A3&%@@Mˢ %ADˢ K@ˢ INN-A'@Lˢ KJˢ DG@ˢ PA'@-%3@%Dˢ A.ˢ DG@ˢ &P-&A-Jˢ &Dˢ K@HI3@ˢ %@H@MMI-Jˢ .A-ˢ G&3ˢ DAˢ 3IO@ˢ Iˢ M@HA%Lˢ HGA&H@

ˢ Dˢ$@%&H@ˢ &DM@B.ˢ DG-@@ˢ @%IDA-Mˢ &%ˢ DG@ˢ N-A'&%H@MˢDG-@@ˢ 3IP&MD-ID@Mˢ F@-@ˢ DAˢ K@ˢ N-@M@%Dˢ IDˢ IBBˢ DG@ˢ M&DD&%PMˢ A.ˢ DG@ˢ -&KC%IBRˢ I%Lˢ IBBˢ N-AH@@L&%PMˢ FG&HGˢ 3&PGDˢ K@UDIO@%ˢ &%ˢ DG@&-ˢ IKM@%H@ˢ F@-@ˢ DAˢ K@ˢ IHHAC%D@Lˢ %CBBˢ I%Lˢ 'A&Lˢ *Dˢ FIMˢ DAˢ K@ˢ &%ˢ DG@ˢ NAF@-ˢ A.ˢ DG@M@ˢ BIJ 3@3K@-Mˢ DAˢ MCMN@%L

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L@B&K@-ID&A%M ' I%L' DA' MDIJ' DG@' @T@HCD&A%' A.' M@%D@%H@M '
FG@%@'@-' DG@J' 3&PGD' QCLP@' DG@' MI3@' DA' K@' HA%D-I&WJ' DA'
DG@' BIFM ' A-' IL'@-M@' DA' DG@' &%D@-@MDM ' A.' DG@' -@NCKB&S '
G@J' F@-@' DA' K@' KAC%L' KJ' I' MAB@3%' AIDG' DA' HA%H@IB'
.-A3'DG@' @%&.D@' %ADG&%P ' FG&HG' NIMM@L'&%'DG@' : ABJ' ..&H@'
*D' FIM' DA' K@' AQQB&PIDA-J' A%' DG@3' DA' ANNAM@' DG@' NCKB&HI?
D&A% ' A-' @'@%' DG@'@%D-J' A%' DG@' -@P&MD@-M' A.' DG@' *%SC&M&D&A% '
A.' I%J' CBB ' FG&HG' 3&PGD' %AD' GI'@' -@H@&'@L' DG@' N-@'&ACM'
INN-AKID&A%' A.' DG@' 1-@ID' #AC%H&B ' G@' BIJ 3@3K@-M' A.'
DG@ ' *%SC&M&D&A%' F@-@ ' A%' %A' IHHAC%D ' DA' K@' +@B@HD@L' ACD'
' A.' DG@' %C3K@-' A.' DGAM@' N@-MA%M ' A%' FGAD DG@' HAC-D' A.'
DG@' $ID&HI%' 3&PGD' GI'@' &D' &%' &DM' NAF@-' @&DG@-' L&-@HDBJ' A-'
&%L&-@HDBJ ' DA' @T@-H&M@' C%LC@' A-'C%.I&-' &%.BC@%H@

8 ' A' N-AH@@L&%PM' F@-@' DA' K@' DIO@%' IPI&%MD' $@%@D&I%'
H&D&V@%M ' FGA' 3&PGD' K@' AN@%' DA' I' HGI-P@'&A.'G@-@MJ ' ID'
;A3@' A-' @BM@FG@-@ ' A' HBI&3' .A-'Z@TD-IL&D&A% FIM'
IL3&MM&KB@ '

'] G@Q3U&ML&HD&A%' A.' DG@' : ABJ' ..&H@ ' FIM' DA' K@' HA%?
.&%@L' F&DG' DG@' tD3AM.' MD-&HD%@MM' DA' DG@' H-&3y'A.'G@-@MJ'Q
I%L' DGAM@ ' FGA' L&L' %AD' K@BA%P' DA' DG@' KALJ' A.' DG@' #IDGAB&H'
#GC-HG ' &%HBCL&%P' 1-@@OM' I%L' 5@FM 'F@-@'%AD' DA' K@' G@BL'
I3@%IKB@' DA' &DM' ICDGA-&DJ D' !T@-IND&K%R&3&PGDX' IBMABK@'
HBI&3@L' .A-' N@-MA%MQ&' FGA'sF@-@' PC&BDJ' A.'+K&PI3J ' KBIM?
NG@3J ' CMC-J ' A-' %HH-A3INHJ ' &D' K@&%P' HA%M&L@-@L' KJ' DG@'
$@%@D&I%' PA'@-%3@%D' DGID ' @TH@ND' &% #IM@M ' FG@-@' I'K-@IHG'
A.' DG@' MIH-I3@%D' HACBL' K@' N-A'@L iDG@M @' F@-@'&3@-@BJ'
M@HCBI-' A..@%H@M

' G@' N-AN@-DJ' A.' HA%L@3%@L' G@-@D&HM' FIM' ILQCLP@L'
'DA' -@'@-D' DA' DG@&-' %IDC-IB' G@&-M

, ' G@' .C%LM' A.' DG@' ..&H@ F@-@' DA' K@' NBIH@L' C%L@-' DG@'
% ' ' 8

HGI-P@ A. I $@%@D&I% D-@IMC-@- FGA FACBL -@%L@- G&M IHHAC%DM I%L K@ -@MNA%M&KB@ .A- DG@&- HA--@HD%@MM DA DG@ H&'&B ICDGA-&D&@M A%BJ

CHG F@-@ DG@ &3NA-DI%D B&3&DID&A%M FG&HG DG@ PA'@-%? 3@%D A. DG@ &P%A-J DGACPGD N-AN@- DA &3NAM@ A% DG@ OBABJ ..&H@ MA .I- IM &DM QC-&ML&HD&A% &% DG@ LA3&%&A%M A. DG@ -@NCKB&H FIM HA%H@-%@L+ . DG@M@ B&3&DID&A%M &D 3IJ K@ MI&L DG ID DG@J D@%L@L P-@IDBJ DA .D@@ I% AKQ@HD&A%IKB@ I%L LI%P@-ACM &%MD&DCD&A% .-A3 3CHG A. &DM &%G@-@%D B&IK&B&DJ DA IKCM@

*D M@@3M N-AKIKB@ DG ID DG@ @MDIKB&MG3@%D A. I K-I%HG A. DG@ : ABJ *%SC&M&D&A% ID $@%&H@ DAP@DG@- F&DG DG@ @%IHD3@%D A. DG@ BIFM FG&HG F@-@ L@M&P%@L DA -@PCBID@ DG@ 3I%IP@3@%D I%L L@.&%@ DG@ ICDGA-&DJ A. DG@ ..&H@ FIM DG@ BIMD IHD FG&HG -@H@&'@L DG@ INN-A'IB A. 1&A'I%%& <I%LABA G@ 3@IMC-@ &% SC@MD&A% FIM NIMM@L KJ DG@ @P&MBIDC-@ @I-BJ &% @ND@3K@- 8 R DG@ LAP@ K-@IDG@L G&M BIMD I.D@- I -@&P% FG&HG GIL @3K-IH@L I D@-3 A. %@I-BJ %&%@ J@I-M &% DG@ BIMD F@@O A. DG@ .ABBAF&%P A'@3K@- + G@ -@3I&%M A. <I%LABA .AC%L DG@&- BIMD -@MD&%P NBIH@ &% DG@ HBA&MD@- A. I&%D 5AG% I%L I&%D OICBR I%L DA G&M DA3K FG&HG FIM @-@HD@L %@I- DG@ LAA- A. DG@ HGC-HG FIM IDDIHG@L I DIKB@D F&DG I% &%MH-&ND&A% HA3? 3@3A-ID&'@ A. G&M 3I%J '&-DC@M I%L IHHA3NB&MG3@%DM +

G@-@ I-@ M@'@-IB IHHAC%DM A% FG&HG DG@ -@&P% A. 1&A'I%%& <I%LABA L@M@-'@M DA K@ '&@F@L IM I-@3I-OIKB@ @- I &% $@%@D&I% G&MDA-J

= "NG ' ' '&! ! ' ! ' ' '] ' S* ' ' ! ' D ! ' / ' ' ! ' ' ! G ! ' * *!'! ' ' * , ' %2 Z ♯2 , ♯ ' !

G@' HA3NI-ID&'@BJ' K-&@.' D@-3' A.' %&%@' J@I-M' LC-&%P' FG&HG' DGID' N-&%H@' -@3I&%@L' &%' NAF@-' FIM' AHHCN&@L' KJ' I' MCHH@MM&A%' A.' @'@%DM' DG@' 3AMD' 'I-&ACM' &%' DG@&-' HGI-IHD@-' I%L' DG@' 3AMD' &3NA-DI%D' &%' DG@&-' -@MCBDM' *D' M@@3M' IB3AMD' MCN@-.BCACM' XDA' -@HC-' DA' DG@' FI-' F&DG' SC&B@&I' DA' DG@' HAIB&D&A%' K@DFM@%' DG@' OID-&I-HG' ;IJ3A%L' DG@'#A33C%@' A.' -&@MD@' I%L' DG@'#AC%D' A.' 1A-&H&I' IPI&%MD' DG@' -@NCKB&H' DA' DG@' -&NB@' BB&I%H@' K@DF@@%' ;A3@'$@%&H@' I%L' INB@M' I%L' DG@' N-AQ@HD@L' @TN@L&D&A%' DA' DG@' ! IMD' DA' DG@' &H&B&I%' $@MN@-M' I%L' DG@' MCKM@SC@%D' F&DGL-IFIB' A.' DG@' &P%A-J' .-A3' DG@' @IPC@R' I%L' BIMDBJ' DA' DG@' -@HA%H&B&ID&A%' K@DF@@%' DG@' PA'@-%3@%D' A.' 1&A'I%%&' <I%LABA' I%L' DG@'#AC-D' A.' DG@' $ID&HI%' &%' 8,' MCKQ@HD' DA' DG@' &%D-ALCHD&A%' A.' DG@' :ABJ' .&&H@' &%DA' DG@' <APILA'

CD' &%L@N@%L@%DBJ' A.' DG@' @'@%DM' FG&HG' F@' GI'@' @%C? 3@-ID@L' DFA' P-@ID' HIBI3&D&@M' KJ' FG&HG' &D' FIM' 3I-O@L' M@-'@L' DA' IDDIHG' I%' C%@%'&IKB@' L&MD&%HD&A%' DA' DG&M' @NAHG' @' GIJ@' IB-@ILJ' GIL' AHHIM&A%' DA' MN@IO' A.' DG@' M@'@-@' MGAHO' A.'@I-DGSCIO@' FG&HG' FIM' @TN@-&@%H@L' &%' DG@' *MBI%LM' &%' DG@' K@P&%%&%P' A.' 8' I%L' A.' DG@' L&MIMD-ACM' HA%M@? SC@%H@M' KJ' FG&HG' &D' FIM' IDD@%L@L' FA' J@I-M' BI&@-+' DG@' -@NCKB&H' GIL' K@@%' '&M&D@L' KJ' I' 3AMD' .@I-.CB' I%L' L@MD-CH? D&'@' &%C%LID&A%' %' DG@' DG' A.' <@H@3K@-' 8' ID' DG@' GAC-' A.' '@MN@-M' DG@' &%GIK&DI%DM' A.' $@%&H@' K@HI3@' HA%? MH&ACM' A.' I%' C%CMCIB' -&M&%P' &%' DG@' D&L@' A.' DG@' L-&ID&H' G@' FID@-M' HA%D&%C@L' DA' MF@BB' C%D&B' I' HA%M&L@-IKB@' NA-D&A%' A.' DG@' H&DJ' GIL' K@@%' MCK3@-P@L' I%L' C%D&B' @'@%' DG@

G F !' ! ' ' ' ' %' 9' ' ! ' * ' ! ' ' I F' ' ' ! ' !C S ' 6 ' ' * ' ' ' ' ! ,P ' '! ! , ' & ' 2 Z

HIN&DIB‘ &DM@B.‘ FIM‘ NBIH@L‘ &%‘ MA3@‘ LI%P@-‘ A.‘ I‘ M&3&BI-‘ .ID@‘ A-‘ L&L‘ DG@J‘ @'@%DCIBBJ‘ MCKM&L@‘ F&DGACD‘ B@I'&%P‘ DG@‘ L@@N@MD‘ I%L‘ 3AMD‘ BIMD&%P‘ D-IH@M‘ K@G&%L‘ DG@3‘ &%‘ L@MABID@‘ MD-@@DM‘ I%L‘ L@M@-D@L‘ GIK&DID&A%M‘ &%‘ DG@‘ L@MD-CHD&A%‘ A.‘ N-A? N@-DJ‘ I%L‘ DG@‘ -C&%‘ A.‘ .I3&B&@M‘ G@‘ N@ANB@‘ GIL‘ ID‘ A%H@‘ &%MD&%HD&'@BJ‘ K@DIO@%‘ DG@3M@B'@M‘ DA‘ DG@&-'‘KAIDM‘ FG@-@‘ DG@J‘ .AC%L‘ MG@BD@-‘ ID‘ B@IMD‘ .A-‘ DG@3M@B'@M‘ .-A3‘ DG@‘ &%? -AILM‘ A.‘ DG@‘ M@I‘ G@&-‘ L&M3IJ‘ I%L‘ HA%MD@-%ID&A%‘ ID‘ DG@‘ C%@TN@HD@L‘ HIDIMD-ANG@‘ FG&HG‘ GIL‘ -@LCH@L‘ MA‘ 3I%J‘ DA‘ 3&M@-J‘ I%L‘ L@MD&DCD&A%‘ @TH@@L@L‘ IBB‘ L@MH-&ND&A%‘R I%L‘ &%‘ DG@‘ KB@IO%@MM‘ A.‘ DG@‘ M@IMA%‘ I%L‘ DG@‘ BID@%@MM‘ A.‘ DG@‘ GAC-‘ DG@-@‘ FIM‘ @'@-JDG&%P‘ DG ID‘ HACBL‘ B@%L‘ ILL&D&A%IB‘ GA--A-‘ DA DG@‘ MH@%@

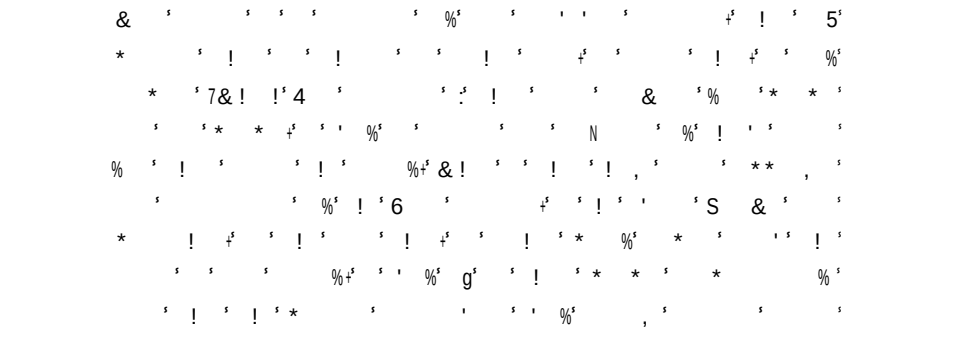
%L@-‘ DG@M@‘ D-J&%P‘ I%L‘ H-&D&HIB‘ H&-HC3MDI%H@MR‘ &D‘ K@? HI3@‘ DG@‘ LCDJ‘ A.‘ DG@‘ PA'@-%3@%D‘ DA‘ BAM@‘ %A‘ D&3@‘ &%‘ -@%? L@-&%P‘ DG@‘ MC..@-@-M‘ @'@-J‘ IMM&MDI%H@‘ I%L‘ HA%MABID&A%‘ &%‘ &DM‘ NAF@-‘ GID‘ DG@‘ LAP@‘ I%L‘ G&M‘ IL'&M@-M‘ MGACBL‘ GI'@‘ ILL-@MM@L‘ DG@3M@B'@M‘ ID‘ DG@‘ @I-B&@MD‘ 3A3@%D‘ DA‘ DG@‘ DIMO‘ A.‘ -@NI&-&%P‘ DG@‘ BAMM@M‘ FG&HG‘ DG@‘ 'I-&ACM‘ 3A%IMD@-&@M‘ &%‘ $@%&H@‘ GIL‘ MCMDI&%@L‘ .-A3‘ DG@‘ -@H@%D‘ .BAALM‘ F&BB‘ GI-LBJ‘ H-@ID@‘ @‘ .@@B&%P‘ A.‘ MC-N-&M@‘ A-‘ IMDA%&MG3@%D‘ FG@%‘ DG@‘ N@HCB&I-‘ NAM&D&A%‘ FG&HG‘ DG@M@‘ N&ACM‘ .-ID@-%&D&@M‘ G@BL‘ ID‘ DG&M‘ N@-&AL‘ &M‘ DIO@%‘ &%DA‘ IHHAC%D‘ *%‘ DG ID‘ N-&3&D&'@‘ IP@‘ DG@‘ 3A%OM‘ F@-@‘ &%‘ D-CDG‘ DG@‘ N-&%H&NIB‘ &.‘ %AD‘ DG@‘ A%BJ‘ 1CI-L&I%M‘ A.‘ DG@‘ OAA-‘ *D‘ FIM‘ DA‘ DG@‘ 3A%IMD&H‘ &%MD&? DCD&A%M‘ DG ID‘ DG@‘ GC3KB@-‘ HBIMM@M‘ IM‘ F@BB‘ IM‘ N@-MA%M‘ A.‘ .IBB@%‘ A-‘ L@HIJ@L‘ .A-DC%@M‘ HG&@.BJ‘ BAAO@L‘ .A-‘ DG@‘ 3@I%M‘ A.‘ MG@BD@-‘ I%L‘ MCMD@%I%H@‘ &%‘ DG@&-‘ L&MD-@MM‘ &D‘ FIM‘ M@BLA3‘ DG ID‘ DB&y‘ LAA-M‘ A.‘ DGAM@‘ GABJ‘ "AC%LID&A%M‘ F@-@‘ HBAM@L‘ IPI&%MD‘ DG@‘ C%.A-DC%ID@‘ I%L‘ I3A%P‘ MCHG‘ IM‘ F@-@‘ O%AF%

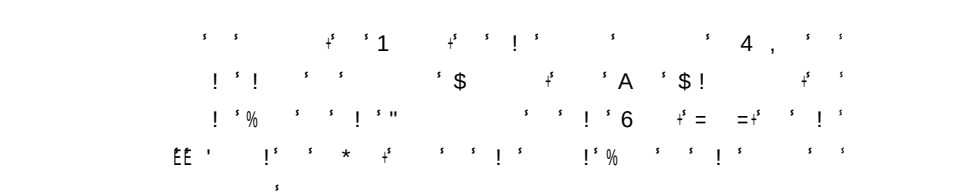
DA' K@' L@M@-'&%P' A.' HA3NIMM&A%' DG@' -@DG-@%' L&MN@%M@L' DG@&-' IB3M' F&DG' I' B&K@-IB' I%L' C%MNI-&%P' GI%L' G@' 3A? %IMD@-&@M' F@-@' DG@-@.A-@' DA' K@' -@PI-L@L' IM' DG@' .AC%DI&%M+ A.' NCKB&H' HGI& &DJR I%L' &D' FIM' HB@I&' DGID' DGAM@' .AC%DI&%M' HACBL' %AD' K@ MC..@-@L' DA' -@3I&%' L-J

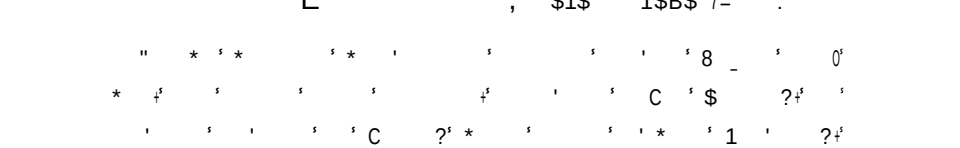
' A' 3@@D' DG@ 'N-@M@%D' @T&P@%HJ' DG@-@.A-@' I%L' DA' NBIH@' DG@' 3A%IMD@-&@M' &%' I' NAM&D&A%' DA' IL3&%&MD@-' DA' DG@' FI%DM' A.' DG@' NAA-' ID' DG&M' D@--&KB@' HA%QC%HDC-@' I' BAI%' FIM' HA%? D-IHD@L' A%' DG@' E MD' 5CBJ' 8 +' A%' DG@' NCKB&H' H-@L&D' ID' DG&-DJ' ' N@-' H@%D' &%D@-@MDR I%L' DG@' MC3' -I&M@L' KJ' DG&M' N-AH@MM' FIM' INNB&@L' .A-DGF&DG' DA' DG@' NC-NAM@' .A-' FG&HG' &D' FIM'MA' 3UP@%DBJ' -@SC&-@L' B-@.&LJ' I%L' K@.A-@' DG&M' I--I%P@3@%D' FIM' @..@HD@L' I%' A-L@-'K@I-&%P' LID@QDG@' 8DG' N-&B' 8 'GIL' &MMC@L' .-A3' DG@' LAP@' L&-@HD&%P' DG@' L@B&'@-J' A.' ' KCMG@BM' A.' DG@' K@MD' HA-%' DA' DG@')' ' '.A-' L&MD-&KCD&A%' I3A%P' DG@' N@ANB@' ID' I' %A? 3&%IB' N-&H@R I%L'&%' MGA-D'DG@' PA'@-%3@%D' A.' $@%&H@' B@.D' %ADG&%P+' C%LA%@' FG&HG' 3&PGD' &%MN&-@' I' -@%@F@L' HA%? .&L@%H@' &%' &DM' NID@-%IB' MAB&H&DCL@' .A-' DG@' P@%@-IB' F@B.I-@' I%L' GINN&%@MM

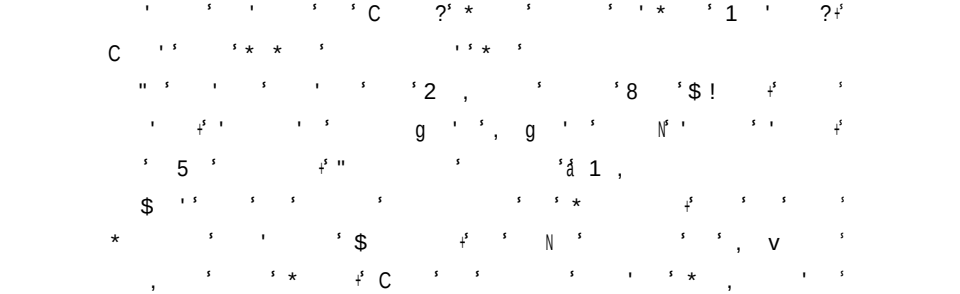
*%' DG@' HAC-M@' A.' <I%LABAUM' IL3&%&MD-ID&A%' 3AM@' DGI%' A%@' IDD@3ND' FIM' 3IL@' KJ' DG@' I-&MDAH-ID&H' NI-DJ' DA' PI&%' &DM' .I'AC-&D@' I%L' BA%P HG@-&MG@L' AKQ@HD' DG@' A'@-DG-AF' A.' B&K@-IB' &%MD&DCD&A%M+' CD' DG@' 3AMD' MID&M.IHDA-J' @'&L@%H@' -@3I&%M'DGID' DG@M@' IDD@3NDM' F@-@'&3&.A-3BJ' C%MCHH@MM.CB' %A-' HI%' DG@-@' K@' DG@' MB&PGD@MD' LACKD' DGID' DG@' N-&%H&NIB' AKMDIHB@' DA' DG@' IDDI&%3@%D' A.' I%J' MCHG' AKQ@HD' B J' &%' DG@' L@3AH-ID&H' N-&%H&NB@M' A.' DG@' LAP@' G&3M@B.' FGA' ANNAM@L' F&DG' DGID' C%MG-&%O&%P' .&-3%@MM' I%L' HAAB' &%D-@N&L&DJ' FG&HG

3 I-O@L' G&M' HGI-IHD@-' DG@' MB&PGD@MD' D@%L@%HJ' 3 I%&.@MD@L' DA' @%H-AIHG' A%' DG@' .-@@LA3' A.' DG@' N@ANB@' I%L' DG@' N-@? -API D&'@' A.' DG@' #-AF%R I%L' DGAM@' FGA' 5H%@u'' G&3' K@MD' I%L' FGA' O%@F' IBMA' DG@' @TD@%M&'@' &%.BC@%H@' FG&HG' G@' NAM? M@MM@L' .@BD' GDDB@' -@IMA%' DA' GAN@' DGID' G&M' @-@%&DJ' FACBL' @'@-' K@' &%LCH@L' DA' IBD@-' G&M' '&@FM' A-' DA' -@BIT' &%' G&M' N-&%H&NB@M' GID@'@-' &%' .IHD' DG@' !THBCM&A%&MDM' 3&PGD' K@' IKB@' DA' IHHA3NB&MG' I.D@-' G&M' L@IDGM' C%L@-' L&..@-@%D' ICMN&H@M' I%L' C%L@-' I' PA'@-%3@%D' L&..@-@%DBJ' HA%MD&DCD@L' &D' INN@I-@L' DGID' DG@' MCHH@MMA-' A.' 5IHANA' #A%DI-&%&' GIL' .C J' -@MAB'@L' %AD' DA' MC..@-' LC-&%P' G&M' B&.@D&3@' I%J' HGI%P@' @&DG@-' &% DG@' #A-A%ID&A%' IDG' AD' &%' DG@' A-PI%&VID&A%' A.' DG@' M@'@-IB' 3@3K@-M' A.' DG@' KALJ' NAB&D&H' *%' G&3' DG@-@? .A-@' DG@' %ID&A%' FIM' %IDC-IBBJ' B@L' DA' -@HAP%&V@' DG@' .@I-B@MM' L@.@%L@-' A.' DGAM@' -&PGDM' FG&HG' &D' GIL' @'@-' G@BL' 3AMD' L@I-' I%L' MIH-@L' I%L' .@F' N-&%H@M' FGA' IMH@%L@L'DG@' $@%@D&I%' DG-A%@' @%QAJ@L' N@-GINM' MCHG' F&L@' I%L' F@BB L@M@-'@L' NANCBI-&DJ' IM' DG@' MA%' A.' 1&BK@-DA' <I%LABA' DG@' L&&&&-IB









/ B* d

Tenemur autem facere jurare scientibus nostris conciliariis, cum voluerint, nostram Ducissam, et quemlibet nostrum filium ætatem habentem, vel statim cum ad ætatem pervenerit, de nullo servitio, vel dono, aut præsente recipiendo, ultra quam dictum est de nobis.

Si vero nuptias fecerimus in nostro palatio, pro Nobis vel filiis nostris, vel filiabus, vel neptibus, sive nepotibus, aut quando nostram Ducissam in palatium duxerimus, licet nobis recipere, quicquid nobis vel nostris nuntiis fuerit datum, vel presentatum, in victualibus, qualiscunque maneriei fuerint.

Omnes autem homines Venetiæ, majores et minores, æqualiter tractabimus in ratione et justitiâ, et in offensionibus, tam in exitu eorum de Venetiis, quam in eorum introitu, et in omnibus factis aliis, in bona fide, sine fraude, exceptis illis, qui calumniati sunt, vel erunt, de factis quæ pertinent vel pertinebunt ad Commune Venetiæ ab illis u. z. hominibus, qui modo sunt, vel erunt in antea pro Commune Venetiarum, aut per majorem partem ipsorum. De ipsis hominibus operam et forciam dabimus bona fide, sine fraude, quod ad finem deveniant.

Plegium vel pacatorem ad Commune Venetiarum Nos pro aliqua persona alicujus facti occasione, quod habeat cum Commune Venetiarum, non constituemus.

Studiosi erimus de navibus, quæ sustinebunt naufragium a Gradu usque Lauretum, ad faciendam rationem et justitiam, quod homines ipsarum navium recuperare valeant bona sua.

Similiter studiosi erimus ad excutiendum bona et habere nostri Communis et habere hominum Venetiarum, quod rescodi debet foris Venetiæ; studemus cum bono Venetiæ ad rescodendum ipsum.

Illud vero, quod nobis consultum fuerit per majorem partem nostri concilii, studiosi erimus ducere ad complementum, nisi remanserit per majorem partem concilii nostri.

Partes illas omnes, quæ captæ fuerint in majori consilio,

rem ecclesiæ beati Marci post nostrum decessum apud procuratorem operis ipsius ecclesiæ remaneant commendatæ.

In nostra potestate remanet dandum, cui voluerimus, cameras nostri palatii, quæ habent hostia de foris; et Nos debemus facere cooperiri totum palatium nostrum nostris expensis, ubi, et quando necesse fuerit, salvo quod, si tales personæ ibi starent, quæ nostro consilio non placerent, eis teneemus dare comiatum in voluntate concilii nostri, et locare in ipsis illos, quos voluerit major pars nostri concilii.

Et debemus dare infra annum unum post introitum nostri regiminis beato Marco, nostro apostolo et evangelistæ, unum pannum laboratum ad aurum, valoris a libris denariorum Veneciarum xxv. supra.

Item etiam tenemur dare operam, sicut modo tenentur consiliarii nostri, aut de cætero tenebuntur alii consiliarii nostri, qui in tempore nostri regiminis de cætero intrabunt, quod mille modia frumenti in Venetiam faciemus venire per mare cum bono Venetiæ bona fide, sine fraude, et alia mille modia frumenti modo consimili, nisi remanserit per nos et majorem partem Concilii majoris et minoris et Quadraginta.

Preterea tenere debemus nobiscum servitores viginti, computati in ipsis ministrantibus ad coquinam, quorum viginti, si quis defecerit vel recesserit a nostro servitio, bona fide, sine fraude, alium suo loco infra unum mensem recuperare debemus.

Bullam nostri Ducatus non consentiemus servandam et exercendam, nisi uni ex nostris servitoribus, quem ex legalioribus nostris crederemus esse.

De sigillatura litterarum a Venetico non faciemus tolli, nisi denarios xii. parvulos, et a forinseco soldos tres, salvo quod, si bullata fuerit littera aliqua alicujus magni negotii, quod nostri consiliarii possint licentiare bullatorem amplius tollendi, ut nobis et eis videbitur. Illum autem, quem carceris custodem ponemus, et cui claves carceris dabimus, constituemus honum et legalem, secundum conscientiam nostram.

B "d //

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et quoniam de regalium successorum precordiorum nostrorum injuria credimus in gaudio redundare sinceritati vestræ, ea quæ omnipotentis Dei gratiâ, quæ (qui) causas justas dirigit, et detestat iniquas, in nobis et imperio resplenduit his diebut tenore præsentium duximus declaranda. Sciat itaque Vestra Providentia, quod nos feria quanta proxima post festum Bartholomæi eo loco locavimus castra nostra, quod a territoriis dicti regis Boemorum vix ad spatium dimidii miliaris Teutonici distabaru. Mane vero sextæ feriæ subsequentis, unâ cum dilecto filio et amico nostro, carissimo illo rege Hungariæ procedentes cunctos acciarum (acierum?) nostrarum adjunximus stationibus hostium, sic quod (sicut) horâ diei quasi sextâ inter nos gravis pugna committitur, in quâ dictus rex Boemorum, more strenui pugilis civiliter (viriliter?) se defendens, tandem devictus accubit, non a nostrâ virtute prostratus, sed eo potiore impugnante contra rempublicam defendente collisus; in quo etiam bello nobiles regni Boemiæ, et alii, qui cum ipso rege venerant potiores, aut mortui gladio ceciderunt, aut victo (victi) certamine, dum ad fugæ præsidium se converterent, ab insequentibus sunt detenti. Verum, cum ex veris et certis inditiis Celsitudini nostræ constet, quod non nostra, sed summi Dei salutem nostram in tanto discrimine misericorditer protegentis, potentia triumphavit; præsentem præclaram victoriam Illius titulis et honori adscimus. Qui ad nostræ humilitatis augustias finiendas immensæ Suæ clementiæ misericordes oculos tantum misericorditer inclinavit, dum extremæ necessitatis periculum imminebat. Vos, igitur, amicorum sincerissimorum quæsumus, grates Altisimo referatis, et in gloriosæ Magnificentiæ Vestræ laudes, quorum præsidiis vita nostra, morti proxima, salva subsistit, et Romani imperii celsitudo mirabiliter incurvata respiravit virtute mirabili vestri cordis intima resolvatis.

Datum in Castris apud Velsperg (Wurtzburg) sexto Kalendas Septembis regni nostri anno quinto (1377).

No. IV.

Treaty with ANCONA, *March*, 1281.

In Dei nomine, amen. Anno nativitatis ejus millesimo ducentesimo octogesimo primo, indictione nona, die tertia mensis Martii, tempore, quo fama erat de domino Symone Turonensi, electo in summum Pontificem. Dominus Petrus de Cusentia, nuntius, procurator et syndicus domini Johannis Danduli, Dei gratia Venetiæ, Dalmatiæ atque Croatiæ ducis, domini quartæ partis et dimidiæ totius imperii Romaniæ, majoris, minoris et generalis, conciliorum et communis Venetiæ, ad infrascripta constitutus, sicut patet, publico instrumento syndicatus eidem scripto manu Rustichini Benintendi, notarii, syndicario et procuratorio nomine, prædicti domini ducis, conciliorum et communis Venetiæ ex una parte, et dominus Angelus domini Giraldi judicis, nuntius, procurator et syndicus nobilis viri domini Turalati de Petramala, generalis concilii et communis Anconæ, ex altera parte. Præsentibus religiosis viris, Fratre Daniele de Agusta, priori conventus fratrum Prædicatorum de Venetiis, et fratre Rogerio de Monte Rubiano, priori conventus fratrum Prædicatorum de Paduâ, mediatoribus pacis inter prædicta communia Venetiæ et Anconæ, de guerris et discordiis inter eos habitis, convenerunt ad infrascripta promittenda et facienda. Videlicet, quod dictus dominus Petrus de Cusentia, procuratorio et syndicario nomine suprascripti domini ducis, concilii et communis Venetiarum, per ipsum dominum ducem et commune Venetiarum, et concives et fideles eorum, fecit et promisit communi, civibus et sequacibus civitatis Anconæ, et subscripto domino Angelo, syndico et procuratori, recipienti et stipulanti vice ac nomine ipsorum communis, civium et sequacium dictæ civitatis Anconæ, puram, firmam et perpetuam pacem. Et promisit eisdem, quod deinceps nec molestiam, nec injuriam, nec lesionem

aliquam, seu damnum facient communi civitatis Anconæ, nec civibus, nec sequacibus suis. Et remisit omnem injuriam et offensum et damnum, datum per commune et singulares personas de Ancona communi et singularibus personis de Venetiis, et fidelibus suis, a die inceptæ guerræ usque ad diem factæ pacis. Excepto, quod restituantur domino Duci et Communi Venetiarum, vel eorum syndico, omnia apparentia (appertinentia), quæ inventa fuerint in potestate communis Anconæ, vel alicujus civis Anconæ, seu sequacis eorum; et restituantur eisdem domino Duci et Communi Venetiarum, vel eorum syndico, omnia apparentia (appertinentia), quæ inventa fuerint in potestate communis Anconæ, sive fuerint Communis Venetiarum, sive alicujus singularis personæ de Venetiis, vel fidelium suorum. Quæ apparentia (appertinentia) declarari debent a prædicto syndico civitatis Anconæ sub fide prestiti sacramenti de pace et firmitate pacis inter Venetos et Anconitanos. Et promisit, nomine domini Ducis et Communis Venecciarum, eos esse contentos, per se et cives et fideles suos, et se ipsum nomine domini Ducis, Conciliorum et Communis Venetiarum, de predicta declaratione facta per dictum syndicum de Ancona, et nihil amplius petere. Et promisit insuper nomine quo supra, dicto syndico et procuratori domini potestatis et communis, Ancona recipienti et stipulanti per dominum potestatem et communem Anconæ, quod, hac pace facta, Dominus Dux et Commune Venetiarum relaxari facient, et reddi pristinæ libertati, omnes captivos ipsorum communis, civium et sequacium de Ancona, qui sunt vel fuerint in potestate domini Ducis, Communis, vel alicujus civis, de Venetiis, vel fidelis eorum. Insuper dictus syndicus et procurator Domini Ducis et Communis Venecciarum juravit ad sancta Dei Evangelia, tactis sacrosanctis Evangeliis, in anima ipsius Domini Ducis, et in animabus hominum, Conciliorum et Communis Venetiarum, quod prædicta omnia firmitate observabunt. Et, versa vice, suprascriptus dominus Angelus, syndicus et procurator Domini

Potestatis, Concilii et Communis Anconæ, syndicario et procuratorio nomine prædictorum domini Potestatis, generalis Concilii et Communis Anconæ, per ipsum Dominum Potestatem Concilium (et) Commune de Anconâ, et cives et concives et sequaces eorum, fecit et promisit Domino Duci (et) Communi Venetiarum, concivibus et fidelibus eorum, et supra scripto domino Petro de Cusentia, syndico et procuratori, recipienti et stipulanti vice ac nomine prædictorum Domini Ducis et Communis Venetiarum, et concivium et fidelium eorum, puram, firmam et perpetuam pacem. Et promisit eisdem, quod deinceps nec molestiam, nec injuriam, nec lesionem aliquam seu damnum facient domino Duci (et) Communi Venetiarum, nec civibus (et) fidelibus suis. Et remisit omnem injuriam et offensionem, et damnum, datum per Commune et singulares personas de Venetiâ (et) cives et fideles eorum, Communi et singularibus personis de Anconâ et eorum sequacibus, a die inceptæ guerræ usque ad diem factæ pacis. Et promisit insuper, nomine quo supra dicto syndico Domini Ducis et Communis Venetiarum, recipienti et stipulanti pro ipso Domino Duce et Communi Venetiarum, quod, hâc pace factâ, Dominus Potestas et Commune Anconæ restituent eis seu eorum syndico, et reddent pristinæ libertati omnes captivos ipsorum Ducis et Communis Venetiarum, vel fidelium eorum, qui sunt, vel fuerint, in potestate communis Anconæ, vel alicujus civis seu sequacis Anconæ. Et etiam restituent syndico et procuratori Domini Ducis et Communis Venetiarum appertinentia, quæ inventa fuerint in potestate Communis Anconæ, sive fuerint Communis Venetiarum, sive alicujus singularis personæ de Venetiis, vel fidelium suorum. Quæ appertinentia declarari debeant ab eodem syndico civitatis Anconæ sub fide prestiti sacramenti de pace et firmitate pacis servandâ inter Venetos et Anconitanos. Insuper dictus syndicus et procurator Domini Potestatis, Concilii, et Communis Anconæ juravit ad sancta Dei Evangelia, tactis sacrosanctis Evangeliis

in animâ dicti Domini Potestatis, et in animâbus hominum Concilii et Communis Anconæ, quod prædicta omnia firmitate observabunt. Et declaravit dictus syndicus sub fide prestiti sacramenti hæc appertinentia. Et dictus syndicus domini ducis et Communis Venetiarum fuit contentus de predictâ declaratione, et promisit nomine quo supra (dicto) nihil amplius petere. Unde ad futuram memoriam, et robur perpetuô valiturum de promissis omnibus, rogatu prædictorum syndicorum facta sunt duo publica et similia instrumenta, quorum unum scripsi ego Petrus Symi (Symon) de Pulverisio, notavi, et publicavi. In quo se subscripsit Rustichinus Benintendi notarius. Et aliud scripsit et publicavit idem Rustichinus notarius, in quo ego præscriptus Petrus sic subscripsi, quorum unum uni parti, et alterum alteri, ad cautelam est traditum conservandum.

Actum Ravennæ apud locum Fratrum Prædicatorum. Præsentibus Venerabilibus viris, dominis, Michaele Archidiacono, Presbytero Henrico Cardinali Amatore et Johannino, Cantatoribus Ecclesiæ Ravennatis. Et nobilibus viris, dominis, Lisio Domini Stoldi Jacopi de Florentia Potestate Ravennæ; Guidone Minori de Pulenta; Thomasi de Ghezus (Tomaso Ghisi?), Ugolino de Corbis; Jacomatio Domini Jacopi de Corrado, &c. Anno, mense, die, et indictione premissis.

END OF VOL. II.

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